

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
---	---	--

Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>HORIBA INSTRUMENTS INCORPORATED 401(K) PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>001</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>HORIBA INSTRUMENTS INCORPORATED</u> <u>9755 RESEARCH DRIVE</u> <u>IRVINE, CA 92618</u>	1c	Effective date of plan <u>02/01/1974</u>
	2b	Employer Identification Number (EIN) <u>33-0820160</u>
	2c	Plan Sponsor's telephone number <u>949-250-4811</u>
	2d	Business code (see instructions) <u>334500</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2023	SANDRA ROJO
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2023	SANDRA ROJO
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 1047
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 768
a(2) Total number of active participants at the end of the plan year		6a(2) 804
b Retired or separated participants receiving benefits		6b 12
c Other retired or separated participants entitled to future benefits.....		6c 256
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 1072
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 0
f Total. Add lines 6d and 6e		6f 1072
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 1072
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 25
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2S 2J 2G 2K 3H 2E 2F 2T 3D		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan HORIBA INSTRUMENTS INCORPORATED 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 HORIBA INSTRUMENTS INCORPORATED	D Employer Identification Number (EIN) 33-0820160

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
--------	---	--

1 Coverage Information:

(a) Name of insurance carrier PRUDENTIAL RETIREMENT INSURANCE AND ANNUITY COMPANY
--

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
06-1050034	93629	035349	1072	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid 0	(b) Total amount of fees paid 0
---	------------------------------------

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	39620688
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	47819791

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ **GUARANTEED GENERAL ACCOUNT CONTRACT**

b	Balance at the end of the previous year	7b	39309467
----------	---	-----------	----------

c	Additions: (1) Contributions deposited during the year	7c(1)	2580400	
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)	642788	
	(4) Transferred from separate account	7c(4)	1356427	
	(5) Other (specify below)	7c(5)	3774248	

▶ **LOAN REPAYMENTS MISCELLANEOUS IN TRANSFERS IN**

(6) Total additions	7c(6)	8353863
---------------------------	--------------	---------

d	Total of balance and additions (add lines 7b and 7c(6))	7d	47663330
----------	--	-----------	----------

e Deductions:

e	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	4009110	
	(2) Administration charge made by carrier	7e(2)	2695	
	(3) Transferred to separate account	7e(3)	902613	
	(4) Other (specify below)	7e(4)	3128224	

▶ **FORF. DR., TRANSFERS OUT LOAN INITIATIONS MISC. OUT**

(5) Total deductions	7e(5)	8042642
----------------------------	--------------	---------

f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	39620688
----------	--	-----------	----------

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	
Specify nature of costs.		

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan HORIBA INSTRUMENTS INCORPORATED 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 HORIBA INSTRUMENTS INCORPORATED	D Employer Identification Number (EIN) 33-0820160	

Part I	Service Provider Information (see instructions)
--------	---

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
PRUDENTIAL RETIREMENT INSURANCE AND
06-1050034

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PRUDENTIAL RETIREMENT INSURANCE AND

06-1050034

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 15 37 50 64	NONE	120480	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
---	--	---

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan HORIBA INSTRUMENTS INCORPORATED 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 HORIBA INSTRUMENTS INCORPORATED	D Employer Identification Number (EIN) 33-0820160	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
--------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: COLUMBIA DIVIDEND VAL ISP		
b Name of sponsor of entity listed in (a): PRUDENTIAL RETIREMENT INS.		
c EIN-PN 06-1050034-785	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16886711
a Name of MTIA, CCT, PSA, or 103-12 IE: DRYDEN S&P500 INDEX - ISP		
b Name of sponsor of entity listed in (a): PRUDENTIAL RETIREMENT INS.		
c EIN-PN 06-1050034-123	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14726940
a Name of MTIA, CCT, PSA, or 103-12 IE: PRU LONG CORP BOND - ISP		
b Name of sponsor of entity listed in (a): PRUDENTIAL RETIREMENT INS.		
c EIN-PN 06-1050034-814	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16206140
a Name of MTIA, CCT, PSA, or 103-12 IE: SMALL CAP GROWTH CLASS I1		
b Name of sponsor of entity listed in (a): WILMINGTON TRUST, N.A.		
c EIN-PN 38-4097324-487	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6121948
a Name of MTIA, CCT, PSA, or 103-12 IE: SMALL CAP VALUE FUND I1		
b Name of sponsor of entity listed in (a): WILMINGTON TRUST, N.A.		
c EIN-PN 38-4097325-488	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 527982
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>HORIBA INSTRUMENTS INCORPORATED 401(K) PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>HORIBA INSTRUMENTS INCORPORATED</u>		D Employer Identification Number (EIN) <u>33-0820160</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a	250	426
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	2407904	2255513
(9) Value of interest in common/collective trusts.....	1c(9)	10250152	6649930
(10) Value of interest in pooled separate accounts	1c(10)	36205259	47819791
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	95865322	59965550
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	39309467	39620688
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	184038354	156311898

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	184038354	156311898
---	-----------	-----------	-----------

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	2866717	
(B) Participants	2a(1)(B)	7703763	
(C) Others (including rollovers)	2a(1)(C)	450760	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		11021240
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	111530	
(F) Other	2b(1)(F)	642788	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		754318
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	753583	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		753583
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-3511372
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-5033173
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-20908351
c Other income	2c		-86
d Total income. Add all income amounts in column (b) and enter total	2d		-16923841
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	10679643	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		10679643
f Corrective distributions (see instructions)	2f		303
g Certain deemed distributions of participant loans (see instructions)	2g		790
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	120479	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	1400	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		121879
j Total expenses. Add all expense amounts in column (b) and enter total	2j		10802615
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-27726456
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: LUCAS, HORSFALL, MURPHY, & PINDROH, LLP

(2) EIN: 95-4659692

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		2000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan HORIBA INSTRUMENTS INCORPORATED 401(K) PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 HORIBA INSTRUMENTS INCORPORATED		D Employer Identification Number (EIN) 33-0820160
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 22-1211670		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....		☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?.....		☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....		☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....		☐ Yes ☐ No
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
----------------	---

18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

HORIBA Instruments Incorporated 401(k) Plan
Financial Statements
December 31, 2022
(With Independent Auditor's Report Thereon)

HORIBA Instruments Incorporated 401(k) Plan

Financial Statements

December 31, 2022

Table of Contents

	<u>Page(s)</u>
Independent Auditor's Report	1 - 4
Financial Statements	
Statements of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7 - 13
Supplemental Schedule	
Schedule of Assets (Held at End of Year) as of December 31, 2022	14



INDEPENDENT AUDITOR'S REPORT

To the Plan Committee of
HORIBA Instruments Incorporated 401(k) Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of HORIBA Instruments Incorporated 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from qualified institutions as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).
- The information in the accompanying financial statements related to assets held by and certified to by qualified institutions, agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meets the requirements of ERISA Section 103(a)(3)(C).

INDEPENDENT AUDITOR'S REPORT (Continued)

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

INDEPENDENT AUDITOR'S REPORT (Continued)

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of U.S. GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with U.S. GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters - Supplemental Schedule Required by ERISA

The supplemental schedule of Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

INDEPENDENT AUDITOR'S REPORT (Continued)

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the DOL's Rules and Regulation for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for the Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

LUCAS, HORSTALL, MURPHY & PINDROH, LLP

Pasadena, California
October 11, 2023

HORIBA Instruments Incorporated 401(k) Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
ASSETS		
Investments (participant-directed):		
Investments at fair value	\$ 114,435,271	\$142,320,734
Investment at contract value	<u>39,620,688</u>	<u>39,309,467</u>
Total investments	154,055,959	181,630,201
Notes receivable from participants	2,255,513	2,407,904
Cash	<u>426</u>	<u>250</u>
Total assets	<u>156,311,898</u>	<u>184,038,355</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 156,311,898</u></u>	<u><u>\$184,038,355</u></u>

See Independent Auditor's Report.
The accompanying notes are an integral part of these financial statements.

**HORIBA Instruments Incorporated 401(k) Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2022**

ADDITIONS

Investment income (loss):	
Net depreciation in fair value of investments	\$ (29,452,899)
Interest and dividends	<u>1,396,372</u>
Total investment income (loss), net	<u>(28,056,527)</u>
Contributions:	
Participants' salary deferrals	7,703,763
Employer's matching	2,866,446
Participants' rollovers	<u>450,760</u>
Total contributions	<u>11,020,969</u>
Interest income on notes receivable from participants	<u>111,530</u>
Total additions	<u>(16,924,028)</u>

DEDUCTIONS

Benefits paid to participants	10,680,735
Administrative expenses	<u>121,694</u>
Total deductions	<u>10,802,429</u>
Total net decrease in net assets	<u>(27,726,457)</u>

NET ASSETS AVAILABLE FOR BENEFITS

Beginning of Year	<u>184,038,355</u>
End of Year	<u><u>\$ 156,311,898</u></u>

See Independent Auditor's Report.
The accompanying notes are an integral part of these financial statements.

HORIBA Instruments Incorporated 401(k) Plan Notes to Financial Statements

1. DESCRIPTION OF PLAN

The following description of HORIBA Instruments Incorporated 401(k) Plan (the Plan) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan established by HORIBA International Corporation, who was merged into HORIBA Instruments Incorporated (the Company) in December 2017, under the provisions of Section 401(a) of the Internal Revenue Code (IRC), which includes a qualified cash or deferred arrangement as described in Section 401(k) of the IRC, for the benefit of eligible employees of the Company. All U.S. employees are eligible to participate in the Plan upon their date of hire, except seasonal and temporary employees are excluded from participation in the Plan unless they complete 1,000 hours of service in the eligibility computation period. Employees will be automatically enrolled at a default deferral rate of 4% after meeting the eligibility requirement. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended.

Contributions

Participants may elect to make pre-tax contributions of a certain amount of their compensation, as defined by the Plan. Participants who have attained age 50 before the Plan year-end are also eligible to make additional catch-up contributions. Participants may also contribute amounts representing distributions from other qualified plans in which participants have previously participated. The Company makes a discretionary employer matching contribution of the participant's pre-tax contributions on the first 4% of compensation deferred by an eligible participant. The Company may make additional employer nonelective contributions. Contributions are subject to certain limitations.

Participant Accounts

Individual accounts are maintained for each of the Plan's participants to reflect the participant's contributions, and related employer matching contributions, as well as the participant's share of the Plan's income and expenses. Allocations are based on participant compensation, account balances, or specific participant transactions as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their own contributions, rollovers from other qualified plans, and actual earnings thereon. Vesting in the Company's contributions is based on years of continuous service. A participant is 100% vested after 5 years of service. A participant becomes fully vested in all contributions in the event that the participant retires, dies, or becomes totally disabled.

**HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)**

1. DESCRIPTION OF PLAN (Continued)

Payment of Benefits

On termination of service, the payment of benefits is made by a lump sum distribution. Under certain conditions, in-service withdrawals are allowed.

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. Loan repayment terms are for a period not to exceed 5 years, except in the case of loans used to acquire a principal residence, wherein the loan repayment term may be for a longer period. Loans are secured by the balance in the participant's account and bear interest at a fixed rate determined by the plan administrator at the date the loan is issued. Interest rates range from 4.25% to 6.50% as of December 31, 2022. Principal and interest are normally paid ratably through payroll deductions.

Forfeited Accounts

At December 31, 2022 and 2021, forfeited nonvested accounts totaled \$120,748 and \$124,235, respectively. These accounts are used as a credit to reduce future employer matching contributions or pay Plan administrative expenses. During the year ended December 31, 2022, the Plan applied \$89,067 as a credit to reduce employer matching contributions and administrative expenses.

Plan Termination

Although it has not expressed any intent to do so, the Company is under no obligation or liability to continue its contributions and may discontinue such contributions or terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

2. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES

Basis of Accounting

The financial statements of the Plan have been prepared using the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect certain reported amounts of assets and liabilities and changes in those assets and liabilities, and disclosures of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

2. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES (Continued)

Investment Valuation and Income Recognition

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measurement attribute for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

The Plan's investments are reported at fair value (except for the fully benefit-responsive investment contract, which is reported at contract value). Fair value is the price that would be received to sell an asset in an orderly transaction between market participants as of the valuation date. See Note 4 for disclosures regarding fair value measurements. Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis, which approximates when interest is received. Dividends are recorded on the ex-dividend date. Net depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year. Management fees and operating expenses charged to the Plan for investments in the mutual funds, common/collective trust funds, pooled separate accounts and the guaranteed income fund are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees and operating expense are reflected as a reduction of investment income for such investments.

Notes Receivable from Participants

Notes receivable from participants are stated at the unpaid principal balance. Interest income associated with the notes receivable is recorded as earned as per the related loan amortization schedules. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 and 2021. If a participant ceases to make loan repayments and the Plan administrator deems the note receivable to be in default, the note receivable balance is reduced and a benefit payment is recorded.

Payment of Benefits

Benefits are recorded when paid or upon distribution.

Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to specific participant transactions, such as for note receivable from participants and benefit payments, are charged directly to the participant's account and are included in administrative expenses.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

3. FINANCIAL INFORMATION CERTIFIED BY THE CUSTODIAN AND TRUSTEE

Empower Annuity Insurance Company (formerly named Prudential Retirement Insurance and Annuity Company), the custodian of the Plan, who holds the group annuity contract investments and Prudential Bank & Trust, F.S.B., the trustee of the Plan, who holds the mutual fund investments and the participant loans, have certified that the following information included in the financial statements as of December 31, 2022 and 2021, and for the year ended December 31, 2022 is complete and accurate:

- a. Investments and participant loans as included in the Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021.
- b. All information pertaining to investment income, including net depreciation, and interest and dividends, in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.
- c. Schedule of Assets (Held at End of Year) as of December 31, 2022.

4. INVESTMENTS AND FAIR VALUE MEASUREMENTS

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under FASB ASC 820 with the related inputs to the valuation methodology are described as follows:

- | | |
|---------|--|
| Level 1 | Quoted prices (unadjusted) in active markets for identical assets that the Plan has the ability to access. |
| Level 2 | Significant other observable (directly or indirectly) inputs, including quoted prices for similar assets in active markets or in inactive markets and other market observable inputs such as interest rate, credit risks, etc. |
| Level 3 | Significant unobservable inputs, including the Plan's own assumptions in determining the fair value of investments. |

Following is a description of the valuation methodologies used for the Plan's investment assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021.

Mutual Funds

Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

4. INVESTMENTS AND FAIR VALUE MEASUREMENTS (Continued)

Pooled Separate Accounts

Valued at the unit net asset value (NAV) as reported by the insurance company, based on the market value of the underlying investments of the accounts. The net asset value is used as a practical expedient to estimate fair value. The pooled separate accounts have no unfunded commitments, have daily redemption frequency and no redemption notice period.

Common/collective Trust Funds

Valued at the net asset value (NAV) units of the common/collective trusts. The net asset value, as provided by the custodian, is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. The common/collective trust funds have no unfunded commitments, have daily redemption frequency and no redemption notice period.

The following table sets forth by level within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

Assets at Fair Value as of December 31, 2022				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 59,965,551	-	-	\$ 59,965,551
Investments measured at NAV (a):				
Pooled separate accounts				47,819,790
Common/collective trust funds				6,649,930
Total investments, at fair value				\$ 114,435,271
Assets at Fair Value as of December 31, 2021				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 95,865,322	-	-	\$ 95,865,322
Investments measured at NAV (a):				
Pooled separate accounts				36,205,260
Common/collective trust funds				10,250,152
Total investments, at fair value				\$ 142,320,734

- (a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

5. FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT

The Plan's investment in the Guaranteed Income Fund is a fully benefit-responsive traditional investment contract with Empower Annuity Insurance Company, and is therefore reported at contract value. Contract value is the relevant measure for a fully benefit-responsive investment contract because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents deposits made to the contract, plus earnings at guaranteed crediting rates, less withdrawals and fees.

PRIAC maintains the Plan funds in its general account and are considered evergreen (no maturity date), with no market value adjustment upon discontinuance. PRIAC, as the guaranteed investment contract issuer, is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. There are no reserves against contract value for credit risk of the contract issuer or otherwise.

Interest is credited on contract balances using a single "portfolio rate" approach. Under this methodology, a single interest crediting rate is applied to all contributions made to the product regardless of the timing of those contributions. Interest crediting rates are reviewed on a semi-annual basis for resetting. When establishing interest crediting rates for this product, PRIAC considers many factors, including current economic and market conditions, the general interest rate environment and both the expected and actual experience of a reference portfolio within the issuer's general account. These rates are established without the use of a specific formula. The minimum crediting rate under the contract ranges from 0% to 1.50%.

Normally while the contract is active, transfers among investment options and distributions to participants will be made immediately. However, they may be deferred under limited circumstances. Generally there are no events that could limit the ability of the Plan to transact at contract value paid within 90 days or in rare circumstances, contract value paid over time. There are no events that allow the issuer to terminate the contract and which require the Plan sponsor to settle at an amount different than contract value paid either within 90 days or over time.

6. TAX STATUS OF THE PLAN

The Plan has adopted Prudential Retirement Defined Contribution Prototype and Volume Submitter Plan and Trust Agreement which has received a favorable opinion letter from the Internal Revenue Service (IRS), on December 4, 2020 that the Plan and related trust are designed in accordance with applicable sections of the IRC. Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed, and currently being operated in compliance with its terms and the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan takes an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

7. RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments are deposits invested in Empower Annuity Insurance Company's general account and units of pooled separate accounts managed by Empower Annuity Insurance Company and shares of Prudential mutual funds. Empower Annuity Insurance Company is an investment contract issuer that holds the Plan's investment contracts. Fees incurred by the Plan for investment management services are included in net depreciation in fair value of investments. These fees are paid to the investment fund manager and may include certain revenue sharing fees that are paid to Empower Annuity Insurance Company, and other investment advisors.

Additionally, as noted in Note 2 certain administrative expenses related to participant related activities are paid directly to the custodian and totaled \$121,694 for the year ended December 31, 2022.

The above transactions, including the notes receivable from participants, qualify as allowable party-in-interest transactions for which there are statutory exemptions.

8. RISK AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

9. SUBSEQUENT EVENTS

Management evaluates events occurring subsequent to the date of the financial statements in determining the accounting for and disclosure of transactions and events that affect the financial statements. Subsequent events have been evaluated through October 11, 2023, which is the date the financial statements were available to be issued.

HORIBA Instruments Incorporated 401(k) Plan
SUPPLEMENTAL SCHEDULE
EIN - 33-0820160, Plan 001
Schedule H, Part IV, line 4i
Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of issuer, borrower	(c) Description of investment	(d) Cost	(e) Current value
	Alger Capital Appreciation Fund	Mutual Fund	**	\$ 16,932,724
	AM FND Europacific Growth R6	Mutual Fund	**	15,598,109
	American Century Mid Cap Value Fund	Mutual Fund	**	9,049,408
*	Empower TRowe MCG	Mutual Fund	**	6,036,747
	NB Intrinsic Val	Mutual Fund	**	5,061,551
	American New Perspective Fund	Mutual Fund	**	4,559,553
	Fidelity U.S. Bond	Mutual Fund	**	1,550,087
	Van Dev Mark IND ADM	Mutual Fund	**	1,177,372
*	Empower Annuity Insurance Company	<u>Pooled separate accounts:</u>		
		Columbia Dividend Income Fund	**	16,886,710
		PRU Long Corp Bond - ISP	**	16,206,140
		Dryden S&P 500 Index Fund	**	14,726,940
	Wilmington Trust Small Cap Growth Class II	Common/collective trust fund	**	6,121,948
	Wilmington Trust Small Cap Value Fund	Common/collective trust fund	**	527,982
*	Empower Annuity Insurance Company	<u>Investment contract:</u>		
		Guaranteed Income Fund	**	<u>39,620,688</u>
		Total investments		<u>\$154,055,959</u>
*	Participant loans	Interest rates range from 4.25% to 6.50% maturing through September 2032	**	<u>\$ 2,255,513</u>

*Party-in-interest as defined by ERISA

**Historical cost information is not required for participant-directed investments

See Independent Auditor's Report.

HORIBA Instruments Incorporated 401(k) Plan
Financial Statements
December 31, 2022
(With Independent Auditor's Report Thereon)

HORIBA Instruments Incorporated 401(k) Plan

Financial Statements

December 31, 2022

Table of Contents

	<u>Page(s)</u>
Independent Auditor's Report	1 - 4
Financial Statements	
Statements of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7 - 13
Supplemental Schedule	
Schedule of Assets (Held at End of Year) as of December 31, 2022	14



INDEPENDENT AUDITOR'S REPORT

To the Plan Committee of
HORIBA Instruments Incorporated 401(k) Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of HORIBA Instruments Incorporated 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from qualified institutions as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).
- The information in the accompanying financial statements related to assets held by and certified to by qualified institutions, agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meets the requirements of ERISA Section 103(a)(3)(C).

INDEPENDENT AUDITOR'S REPORT (Continued)

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

INDEPENDENT AUDITOR'S REPORT (Continued)

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of U.S. GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with U.S. GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters - Supplemental Schedule Required by ERISA

The supplemental schedule of Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

INDEPENDENT AUDITOR'S REPORT (Continued)

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the DOL's Rules and Regulation for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for the Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

LUCAS, HORSTALL, MURPHY & PINDROH, LLP

Pasadena, California
October 11, 2023

HORIBA Instruments Incorporated 401(k) Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
ASSETS		
Investments (participant-directed):		
Investments at fair value	\$ 114,435,271	\$142,320,734
Investment at contract value	<u>39,620,688</u>	<u>39,309,467</u>
Total investments	154,055,959	181,630,201
Notes receivable from participants	2,255,513	2,407,904
Cash	<u>426</u>	<u>250</u>
Total assets	<u>156,311,898</u>	<u>184,038,355</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 156,311,898</u></u>	<u><u>\$184,038,355</u></u>

See Independent Auditor's Report.
The accompanying notes are an integral part of these financial statements.

**HORIBA Instruments Incorporated 401(k) Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2022**

ADDITIONS

Investment income (loss):	
Net depreciation in fair value of investments	\$ (29,452,899)
Interest and dividends	<u>1,396,372</u>
Total investment income (loss), net	<u>(28,056,527)</u>
Contributions:	
Participants' salary deferrals	7,703,763
Employer's matching	2,866,446
Participants' rollovers	<u>450,760</u>
Total contributions	<u>11,020,969</u>
Interest income on notes receivable from participants	<u>111,530</u>
Total additions	<u>(16,924,028)</u>

DEDUCTIONS

Benefits paid to participants	10,680,735
Administrative expenses	<u>121,694</u>
Total deductions	<u>10,802,429</u>
Total net decrease in net assets	<u>(27,726,457)</u>

NET ASSETS AVAILABLE FOR BENEFITS

Beginning of Year	<u>184,038,355</u>
End of Year	<u><u>\$ 156,311,898</u></u>

See Independent Auditor's Report.
The accompanying notes are an integral part of these financial statements.

HORIBA Instruments Incorporated 401(k) Plan Notes to Financial Statements

1. DESCRIPTION OF PLAN

The following description of HORIBA Instruments Incorporated 401(k) Plan (the Plan) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan established by HORIBA International Corporation, who was merged into HORIBA Instruments Incorporated (the Company) in December 2017, under the provisions of Section 401(a) of the Internal Revenue Code (IRC), which includes a qualified cash or deferred arrangement as described in Section 401(k) of the IRC, for the benefit of eligible employees of the Company. All U.S. employees are eligible to participate in the Plan upon their date of hire, except seasonal and temporary employees are excluded from participation in the Plan unless they complete 1,000 hours of service in the eligibility computation period. Employees will be automatically enrolled at a default deferral rate of 4% after meeting the eligibility requirement. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended.

Contributions

Participants may elect to make pre-tax contributions of a certain amount of their compensation, as defined by the Plan. Participants who have attained age 50 before the Plan year-end are also eligible to make additional catch-up contributions. Participants may also contribute amounts representing distributions from other qualified plans in which participants have previously participated. The Company makes a discretionary employer matching contribution of the participant's pre-tax contributions on the first 4% of compensation deferred by an eligible participant. The Company may make additional employer nonelective contributions. Contributions are subject to certain limitations.

Participant Accounts

Individual accounts are maintained for each of the Plan's participants to reflect the participant's contributions, and related employer matching contributions, as well as the participant's share of the Plan's income and expenses. Allocations are based on participant compensation, account balances, or specific participant transactions as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their own contributions, rollovers from other qualified plans, and actual earnings thereon. Vesting in the Company's contributions is based on years of continuous service. A participant is 100% vested after 5 years of service. A participant becomes fully vested in all contributions in the event that the participant retires, dies, or becomes totally disabled.

**HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)**

1. DESCRIPTION OF PLAN (Continued)

Payment of Benefits

On termination of service, the payment of benefits is made by a lump sum distribution. Under certain conditions, in-service withdrawals are allowed.

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. Loan repayment terms are for a period not to exceed 5 years, except in the case of loans used to acquire a principal residence, wherein the loan repayment term may be for a longer period. Loans are secured by the balance in the participant's account and bear interest at a fixed rate determined by the plan administrator at the date the loan is issued. Interest rates range from 4.25% to 6.50% as of December 31, 2022. Principal and interest are normally paid ratably through payroll deductions.

Forfeited Accounts

At December 31, 2022 and 2021, forfeited nonvested accounts totaled \$120,748 and \$124,235, respectively. These accounts are used as a credit to reduce future employer matching contributions or pay Plan administrative expenses. During the year ended December 31, 2022, the Plan applied \$89,067 as a credit to reduce employer matching contributions and administrative expenses.

Plan Termination

Although it has not expressed any intent to do so, the Company is under no obligation or liability to continue its contributions and may discontinue such contributions or terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

2. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES

Basis of Accounting

The financial statements of the Plan have been prepared using the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect certain reported amounts of assets and liabilities and changes in those assets and liabilities, and disclosures of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

2. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES (Continued)

Investment Valuation and Income Recognition

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measurement attribute for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

The Plan's investments are reported at fair value (except for the fully benefit-responsive investment contract, which is reported at contract value). Fair value is the price that would be received to sell an asset in an orderly transaction between market participants as of the valuation date. See Note 4 for disclosures regarding fair value measurements. Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis, which approximates when interest is received. Dividends are recorded on the ex-dividend date. Net depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year. Management fees and operating expenses charged to the Plan for investments in the mutual funds, common/collective trust funds, pooled separate accounts and the guaranteed income fund are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees and operating expense are reflected as a reduction of investment income for such investments.

Notes Receivable from Participants

Notes receivable from participants are stated at the unpaid principal balance. Interest income associated with the notes receivable is recorded as earned as per the related loan amortization schedules. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 and 2021. If a participant ceases to make loan repayments and the Plan administrator deems the note receivable to be in default, the note receivable balance is reduced and a benefit payment is recorded.

Payment of Benefits

Benefits are recorded when paid or upon distribution.

Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to specific participant transactions, such as for note receivable from participants and benefit payments, are charged directly to the participant's account and are included in administrative expenses.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

3. FINANCIAL INFORMATION CERTIFIED BY THE CUSTODIAN AND TRUSTEE

Empower Annuity Insurance Company (formerly named Prudential Retirement Insurance and Annuity Company), the custodian of the Plan, who holds the group annuity contract investments and Prudential Bank & Trust, F.S.B., the trustee of the Plan, who holds the mutual fund investments and the participant loans, have certified that the following information included in the financial statements as of December 31, 2022 and 2021, and for the year ended December 31, 2022 is complete and accurate:

- a. Investments and participant loans as included in the Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021.
- b. All information pertaining to investment income, including net depreciation, and interest and dividends, in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.
- c. Schedule of Assets (Held at End of Year) as of December 31, 2022.

4. INVESTMENTS AND FAIR VALUE MEASUREMENTS

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under FASB ASC 820 with the related inputs to the valuation methodology are described as follows:

- | | |
|---------|--|
| Level 1 | Quoted prices (unadjusted) in active markets for identical assets that the Plan has the ability to access. |
| Level 2 | Significant other observable (directly or indirectly) inputs, including quoted prices for similar assets in active markets or in inactive markets and other market observable inputs such as interest rate, credit risks, etc. |
| Level 3 | Significant unobservable inputs, including the Plan's own assumptions in determining the fair value of investments. |

Following is a description of the valuation methodologies used for the Plan's investment assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021.

Mutual Funds

Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

4. INVESTMENTS AND FAIR VALUE MEASUREMENTS (Continued)

Pooled Separate Accounts

Valued at the unit net asset value (NAV) as reported by the insurance company, based on the market value of the underlying investments of the accounts. The net asset value is used as a practical expedient to estimate fair value. The pooled separate accounts have no unfunded commitments, have daily redemption frequency and no redemption notice period.

Common/collective Trust Funds

Valued at the net asset value (NAV) units of the common/collective trusts. The net asset value, as provided by the custodian, is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. The common/collective trust funds have no unfunded commitments, have daily redemption frequency and no redemption notice period.

The following table sets forth by level within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

Assets at Fair Value as of December 31, 2022				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 59,965,551	-	-	\$ 59,965,551
Investments measured at NAV (a):				
Pooled separate accounts				47,819,790
Common/collective trust funds				6,649,930
Total investments, at fair value				\$ 114,435,271
Assets at Fair Value as of December 31, 2021				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 95,865,322	-	-	\$ 95,865,322
Investments measured at NAV (a):				
Pooled separate accounts				36,205,260
Common/collective trust funds				10,250,152
Total investments, at fair value				\$ 142,320,734

- (a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

5. FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT

The Plan's investment in the Guaranteed Income Fund is a fully benefit-responsive traditional investment contract with Empower Annuity Insurance Company, and is therefore reported at contract value. Contract value is the relevant measure for a fully benefit-responsive investment contract because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents deposits made to the contract, plus earnings at guaranteed crediting rates, less withdrawals and fees.

PRIAC maintains the Plan funds in its general account and are considered evergreen (no maturity date), with no market value adjustment upon discontinuance. PRIAC, as the guaranteed investment contract issuer, is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. There are no reserves against contract value for credit risk of the contract issuer or otherwise.

Interest is credited on contract balances using a single "portfolio rate" approach. Under this methodology, a single interest crediting rate is applied to all contributions made to the product regardless of the timing of those contributions. Interest crediting rates are reviewed on a semi-annual basis for resetting. When establishing interest crediting rates for this product, PRIAC considers many factors, including current economic and market conditions, the general interest rate environment and both the expected and actual experience of a reference portfolio within the issuer's general account. These rates are established without the use of a specific formula. The minimum crediting rate under the contract ranges from 0% to 1.50%.

Normally while the contract is active, transfers among investment options and distributions to participants will be made immediately. However, they may be deferred under limited circumstances. Generally there are no events that could limit the ability of the Plan to transact at contract value paid within 90 days or in rare circumstances, contract value paid over time. There are no events that allow the issuer to terminate the contract and which require the Plan sponsor to settle at an amount different than contract value paid either within 90 days or over time.

6. TAX STATUS OF THE PLAN

The Plan has adopted Prudential Retirement Defined Contribution Prototype and Volume Submitter Plan and Trust Agreement which has received a favorable opinion letter from the Internal Revenue Service (IRS), on December 4, 2020 that the Plan and related trust are designed in accordance with applicable sections of the IRC. Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed, and currently being operated in compliance with its terms and the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan takes an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

7. RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments are deposits invested in Empower Annuity Insurance Company's general account and units of pooled separate accounts managed by Empower Annuity Insurance Company and shares of Prudential mutual funds. Empower Annuity Insurance Company is an investment contract issuer that holds the Plan's investment contracts. Fees incurred by the Plan for investment management services are included in net depreciation in fair value of investments. These fees are paid to the investment fund manager and may include certain revenue sharing fees that are paid to Empower Annuity Insurance Company, and other investment advisors.

Additionally, as noted in Note 2 certain administrative expenses related to participant related activities are paid directly to the custodian and totaled \$121,694 for the year ended December 31, 2022.

The above transactions, including the notes receivable from participants, qualify as allowable party-in-interest transactions for which there are statutory exemptions.

8. RISK AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

9. SUBSEQUENT EVENTS

Management evaluates events occurring subsequent to the date of the financial statements in determining the accounting for and disclosure of transactions and events that affect the financial statements. Subsequent events have been evaluated through October 11, 2023, which is the date the financial statements were available to be issued.

HORIBA Instruments Incorporated 401(k) Plan
SUPPLEMENTAL SCHEDULE
EIN - 33-0820160, Plan 001
Schedule H, Part IV, line 4i
Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of issuer, borrower	(c) Description of investment	(d) Cost	(e) Current value
	Alger Capital Appreciation Fund	Mutual Fund	**	\$ 16,932,724
	AM FND Europacific Growth R6	Mutual Fund	**	15,598,109
	American Century Mid Cap Value Fund	Mutual Fund	**	9,049,408
*	Empower TRowe MCG	Mutual Fund	**	6,036,747
	NB Intrinsic Val	Mutual Fund	**	5,061,551
	American New Perspective Fund	Mutual Fund	**	4,559,553
	Fidelity U.S. Bond	Mutual Fund	**	1,550,087
	Van Dev Mark IND ADM	Mutual Fund	**	1,177,372
*	Empower Annuity Insurance Company	<u>Pooled separate accounts:</u>		
		Columbia Dividend Income Fund	**	16,886,710
		PRU Long Corp Bond - ISP	**	16,206,140
		Dryden S&P 500 Index Fund	**	14,726,940
	Wilmington Trust Small Cap Growth Class II	Common/collective trust fund	**	6,121,948
	Wilmington Trust Small Cap Value Fund	Common/collective trust fund	**	527,982
*	Empower Annuity Insurance Company	<u>Investment contract:</u>		
		Guaranteed Income Fund	**	<u>39,620,688</u>
		Total investments		<u>\$154,055,959</u>
*	Participant loans	Interest rates range from 4.25% to 6.50% maturing through September 2032	**	<u>\$ 2,255,513</u>

*Party-in-interest as defined by ERISA

**Historical cost information is not required for participant-directed investments

See Independent Auditor's Report.

HORIBA Instruments Incorporated 401(k) Plan
Financial Statements
December 31, 2022
(With Independent Auditor's Report Thereon)

HORIBA Instruments Incorporated 401(k) Plan

Financial Statements

December 31, 2022

Table of Contents

	<u>Page(s)</u>
Independent Auditor's Report	1 - 4
Financial Statements	
Statements of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7 - 13
Supplemental Schedule	
Schedule of Assets (Held at End of Year) as of December 31, 2022	14



INDEPENDENT AUDITOR'S REPORT

To the Plan Committee of
HORIBA Instruments Incorporated 401(k) Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of HORIBA Instruments Incorporated 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from qualified institutions as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).
- The information in the accompanying financial statements related to assets held by and certified to by qualified institutions, agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meets the requirements of ERISA Section 103(a)(3)(C).

INDEPENDENT AUDITOR'S REPORT (Continued)

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

INDEPENDENT AUDITOR'S REPORT (Continued)

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of U.S. GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with U.S. GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters - Supplemental Schedule Required by ERISA

The supplemental schedule of Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

INDEPENDENT AUDITOR'S REPORT (Continued)

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the DOL's Rules and Regulation for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for the Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

LUCAS, HORSTALL, MURPHY & PINDROH, LLP

Pasadena, California
October 11, 2023

HORIBA Instruments Incorporated 401(k) Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
ASSETS		
Investments (participant-directed):		
Investments at fair value	\$ 114,435,271	\$142,320,734
Investment at contract value	<u>39,620,688</u>	<u>39,309,467</u>
Total investments	154,055,959	181,630,201
Notes receivable from participants	2,255,513	2,407,904
Cash	<u>426</u>	<u>250</u>
Total assets	<u>156,311,898</u>	<u>184,038,355</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 156,311,898</u></u>	<u><u>\$184,038,355</u></u>

See Independent Auditor's Report.
The accompanying notes are an integral part of these financial statements.

**HORIBA Instruments Incorporated 401(k) Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2022**

ADDITIONS

Investment income (loss):	
Net depreciation in fair value of investments	\$ (29,452,899)
Interest and dividends	<u>1,396,372</u>
Total investment income (loss), net	<u>(28,056,527)</u>
Contributions:	
Participants' salary deferrals	7,703,763
Employer's matching	2,866,446
Participants' rollovers	<u>450,760</u>
Total contributions	<u>11,020,969</u>
Interest income on notes receivable from participants	<u>111,530</u>
Total additions	<u>(16,924,028)</u>

DEDUCTIONS

Benefits paid to participants	10,680,735
Administrative expenses	<u>121,694</u>
Total deductions	<u>10,802,429</u>
Total net decrease in net assets	<u>(27,726,457)</u>

NET ASSETS AVAILABLE FOR BENEFITS

Beginning of Year	<u>184,038,355</u>
End of Year	<u><u>\$ 156,311,898</u></u>

See Independent Auditor's Report.
The accompanying notes are an integral part of these financial statements.

HORIBA Instruments Incorporated 401(k) Plan Notes to Financial Statements

1. DESCRIPTION OF PLAN

The following description of HORIBA Instruments Incorporated 401(k) Plan (the Plan) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan established by HORIBA International Corporation, who was merged into HORIBA Instruments Incorporated (the Company) in December 2017, under the provisions of Section 401(a) of the Internal Revenue Code (IRC), which includes a qualified cash or deferred arrangement as described in Section 401(k) of the IRC, for the benefit of eligible employees of the Company. All U.S. employees are eligible to participate in the Plan upon their date of hire, except seasonal and temporary employees are excluded from participation in the Plan unless they complete 1,000 hours of service in the eligibility computation period. Employees will be automatically enrolled at a default deferral rate of 4% after meeting the eligibility requirement. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended.

Contributions

Participants may elect to make pre-tax contributions of a certain amount of their compensation, as defined by the Plan. Participants who have attained age 50 before the Plan year-end are also eligible to make additional catch-up contributions. Participants may also contribute amounts representing distributions from other qualified plans in which participants have previously participated. The Company makes a discretionary employer matching contribution of the participant's pre-tax contributions on the first 4% of compensation deferred by an eligible participant. The Company may make additional employer nonelective contributions. Contributions are subject to certain limitations.

Participant Accounts

Individual accounts are maintained for each of the Plan's participants to reflect the participant's contributions, and related employer matching contributions, as well as the participant's share of the Plan's income and expenses. Allocations are based on participant compensation, account balances, or specific participant transactions as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their own contributions, rollovers from other qualified plans, and actual earnings thereon. Vesting in the Company's contributions is based on years of continuous service. A participant is 100% vested after 5 years of service. A participant becomes fully vested in all contributions in the event that the participant retires, dies, or becomes totally disabled.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

1. DESCRIPTION OF PLAN (Continued)

Payment of Benefits

On termination of service, the payment of benefits is made by a lump sum distribution. Under certain conditions, in-service withdrawals are allowed.

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. Loan repayment terms are for a period not to exceed 5 years, except in the case of loans used to acquire a principal residence, wherein the loan repayment term may be for a longer period. Loans are secured by the balance in the participant's account and bear interest at a fixed rate determined by the plan administrator at the date the loan is issued. Interest rates range from 4.25% to 6.50% as of December 31, 2022. Principal and interest are normally paid ratably through payroll deductions.

Forfeited Accounts

At December 31, 2022 and 2021, forfeited nonvested accounts totaled \$120,748 and \$124,235, respectively. These accounts are used as a credit to reduce future employer matching contributions or pay Plan administrative expenses. During the year ended December 31, 2022, the Plan applied \$89,067 as a credit to reduce employer matching contributions and administrative expenses.

Plan Termination

Although it has not expressed any intent to do so, the Company is under no obligation or liability to continue its contributions and may discontinue such contributions or terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

2. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES

Basis of Accounting

The financial statements of the Plan have been prepared using the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect certain reported amounts of assets and liabilities and changes in those assets and liabilities, and disclosures of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

2. SUMMARY OF SIGNIFICANT ACCOUNTING PRINCIPLES (Continued)

Investment Valuation and Income Recognition

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measurement attribute for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

The Plan's investments are reported at fair value (except for the fully benefit-responsive investment contract, which is reported at contract value). Fair value is the price that would be received to sell an asset in an orderly transaction between market participants as of the valuation date. See Note 4 for disclosures regarding fair value measurements. Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis, which approximates when interest is received. Dividends are recorded on the ex-dividend date. Net depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year. Management fees and operating expenses charged to the Plan for investments in the mutual funds, common/collective trust funds, pooled separate accounts and the guaranteed income fund are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees and operating expense are reflected as a reduction of investment income for such investments.

Notes Receivable from Participants

Notes receivable from participants are stated at the unpaid principal balance. Interest income associated with the notes receivable is recorded as earned as per the related loan amortization schedules. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 and 2021. If a participant ceases to make loan repayments and the Plan administrator deems the note receivable to be in default, the note receivable balance is reduced and a benefit payment is recorded.

Payment of Benefits

Benefits are recorded when paid or upon distribution.

Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to specific participant transactions, such as for note receivable from participants and benefit payments, are charged directly to the participant's account and are included in administrative expenses.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

3. FINANCIAL INFORMATION CERTIFIED BY THE CUSTODIAN AND TRUSTEE

Empower Annuity Insurance Company (formerly named Prudential Retirement Insurance and Annuity Company), the custodian of the Plan, who holds the group annuity contract investments and Prudential Bank & Trust, F.S.B., the trustee of the Plan, who holds the mutual fund investments and the participant loans, have certified that the following information included in the financial statements as of December 31, 2022 and 2021, and for the year ended December 31, 2022 is complete and accurate:

- a. Investments and participant loans as included in the Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021.
- b. All information pertaining to investment income, including net depreciation, and interest and dividends, in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.
- c. Schedule of Assets (Held at End of Year) as of December 31, 2022.

4. INVESTMENTS AND FAIR VALUE MEASUREMENTS

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under FASB ASC 820 with the related inputs to the valuation methodology are described as follows:

- | | |
|---------|--|
| Level 1 | Quoted prices (unadjusted) in active markets for identical assets that the Plan has the ability to access. |
| Level 2 | Significant other observable (directly or indirectly) inputs, including quoted prices for similar assets in active markets or in inactive markets and other market observable inputs such as interest rate, credit risks, etc. |
| Level 3 | Significant unobservable inputs, including the Plan's own assumptions in determining the fair value of investments. |

Following is a description of the valuation methodologies used for the Plan's investment assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021.

Mutual Funds

Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

4. INVESTMENTS AND FAIR VALUE MEASUREMENTS (Continued)

Pooled Separate Accounts

Valued at the unit net asset value (NAV) as reported by the insurance company, based on the market value of the underlying investments of the accounts. The net asset value is used as a practical expedient to estimate fair value. The pooled separate accounts have no unfunded commitments, have daily redemption frequency and no redemption notice period.

Common/collective Trust Funds

Valued at the net asset value (NAV) units of the common/collective trusts. The net asset value, as provided by the custodian, is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. The common/collective trust funds have no unfunded commitments, have daily redemption frequency and no redemption notice period.

The following table sets forth by level within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

Assets at Fair Value as of December 31, 2022				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 59,965,551	-	-	\$ 59,965,551
Investments measured at NAV (a):				
Pooled separate accounts				47,819,790
Common/collective trust funds				6,649,930
Total investments, at fair value				\$ 114,435,271
Assets at Fair Value as of December 31, 2021				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 95,865,322	-	-	\$ 95,865,322
Investments measured at NAV (a):				
Pooled separate accounts				36,205,260
Common/collective trust funds				10,250,152
Total investments, at fair value				\$ 142,320,734

- (a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

5. FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT

The Plan's investment in the Guaranteed Income Fund is a fully benefit-responsive traditional investment contract with Empower Annuity Insurance Company, and is therefore reported at contract value. Contract value is the relevant measure for a fully benefit-responsive investment contract because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents deposits made to the contract, plus earnings at guaranteed crediting rates, less withdrawals and fees.

PRIAC maintains the Plan funds in its general account and are considered evergreen (no maturity date), with no market value adjustment upon discontinuance. PRIAC, as the guaranteed investment contract issuer, is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. There are no reserves against contract value for credit risk of the contract issuer or otherwise.

Interest is credited on contract balances using a single "portfolio rate" approach. Under this methodology, a single interest crediting rate is applied to all contributions made to the product regardless of the timing of those contributions. Interest crediting rates are reviewed on a semi-annual basis for resetting. When establishing interest crediting rates for this product, PRIAC considers many factors, including current economic and market conditions, the general interest rate environment and both the expected and actual experience of a reference portfolio within the issuer's general account. These rates are established without the use of a specific formula. The minimum crediting rate under the contract ranges from 0% to 1.50%.

Normally while the contract is active, transfers among investment options and distributions to participants will be made immediately. However, they may be deferred under limited circumstances. Generally there are no events that could limit the ability of the Plan to transact at contract value paid within 90 days or in rare circumstances, contract value paid over time. There are no events that allow the issuer to terminate the contract and which require the Plan sponsor to settle at an amount different than contract value paid either within 90 days or over time.

6. TAX STATUS OF THE PLAN

The Plan has adopted Prudential Retirement Defined Contribution Prototype and Volume Submitter Plan and Trust Agreement which has received a favorable opinion letter from the Internal Revenue Service (IRS), on December 4, 2020 that the Plan and related trust are designed in accordance with applicable sections of the IRC. Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed, and currently being operated in compliance with its terms and the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan takes an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

HORIBA Instruments Incorporated 401(k) Plan
Notes to Financial Statements (Continued)

7. RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments are deposits invested in Empower Annuity Insurance Company's general account and units of pooled separate accounts managed by Empower Annuity Insurance Company and shares of Prudential mutual funds. Empower Annuity Insurance Company is an investment contract issuer that holds the Plan's investment contracts. Fees incurred by the Plan for investment management services are included in net depreciation in fair value of investments. These fees are paid to the investment fund manager and may include certain revenue sharing fees that are paid to Empower Annuity Insurance Company, and other investment advisors.

Additionally, as noted in Note 2 certain administrative expenses related to participant related activities are paid directly to the custodian and totaled \$121,694 for the year ended December 31, 2022.

The above transactions, including the notes receivable from participants, qualify as allowable party-in-interest transactions for which there are statutory exemptions.

8. RISK AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

9. SUBSEQUENT EVENTS

Management evaluates events occurring subsequent to the date of the financial statements in determining the accounting for and disclosure of transactions and events that affect the financial statements. Subsequent events have been evaluated through October 11, 2023, which is the date the financial statements were available to be issued.

HORIBA Instruments Incorporated 401(k) Plan
SUPPLEMENTAL SCHEDULE
EIN - 33-0820160, Plan 001
Schedule H, Part IV, line 4i
Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of issuer, borrower	(c) Description of investment	(d) Cost	(e) Current value
	Alger Capital Appreciation Fund	Mutual Fund	**	\$ 16,932,724
	AM FND Europacific Growth R6	Mutual Fund	**	15,598,109
	American Century Mid Cap Value Fund	Mutual Fund	**	9,049,408
*	Empower TRowe MCG	Mutual Fund	**	6,036,747
	NB Intrinsic Val	Mutual Fund	**	5,061,551
	American New Perspective Fund	Mutual Fund	**	4,559,553
	Fidelity U.S. Bond	Mutual Fund	**	1,550,087
	Van Dev Mark IND ADM	Mutual Fund	**	1,177,372
*	Empower Annuity Insurance Company	<u>Pooled separate accounts:</u>		
		Columbia Dividend Income Fund	**	16,886,710
		PRU Long Corp Bond - ISP	**	16,206,140
		Dryden S&P 500 Index Fund	**	14,726,940
	Wilmington Trust Small Cap Growth Class II	Common/collective trust fund	**	6,121,948
	Wilmington Trust Small Cap Value Fund	Common/collective trust fund	**	527,982
*	Empower Annuity Insurance Company	<u>Investment contract:</u>		
		Guaranteed Income Fund	**	<u>39,620,688</u>
		Total investments		<u>\$154,055,959</u>
*	Participant loans	Interest rates range from 4.25% to 6.50% maturing through September 2032	**	<u>\$ 2,255,513</u>

*Party-in-interest as defined by ERISA

**Historical cost information is not required for participant-directed investments

See Independent Auditor's Report.