UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 10-Q

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\boxtimes	QUARTERLY REPORT PURPERIOD ENDED SEPTEM		15(d) OF THE SECUR	ITIES EXCHANGE ACT OF 1934 FOR THE QUARTERLY
	TRANSITION REPORT PU PERIOD FROM		15(d) OF THE SECUR	ITIES EXCHANGE ACT OF 1934 FOR THE TRANSITION
		Commi	ssion File Number: 1-135	95
		Mettle	er Toledo International In	e
		(Exact name of	registrant as specified in	its charter)
		Delaware		13-3668641
		(State or other jurisdiction of	(I.R.S I	Employer Identification No.)
		incorporation or organization)		
			1900 Polaris Parkway	
		(Columbus, OH 43240 and	
		Im La	ngacher, P.O. Box MT-10	0
		CH 86	06 Greifensee, Switzerlan	nd
		1-614-43	8-4511 and +41-44-944-2	2-11
		(Registrant's tele	ephone number, including	area code)
			not applicable	
	-	(Former name, former address	and former fiscal year, if	changed since last report)
Caarre	unities assistanted assessent to Section	12(h) of the Act.		
Secui	arities registered pursuant to Section		1' 0 1 1	N 6 1 1 1:1 : (1
	Title of each clas		rading Symbol MTD	Name of each exchange on which registered
	Common Stock, \$0.01 p	ar value	MID	New York Stock Exchange
mont	ths (or for such shorter period that the cate by checkmark whether the regis	he registrant was required to file such strant has submitted electronically eve	reports), and (2) has been su ery Interactive Data File requ	or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 abject to such filing requirements for the past 90 days. Yes No united to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 to submit and post such files). Yes No U
Indica comp (Chec	cate by checkmark whether the reg pany. See the definitions of "large a eck one): Large accelerated filer	gistrant is a large accelerated filer, accelerated filer," "accelerated filer," Accelerated filer Non-accelerate	an accelerated filer, a non-a "smaller reporting company d filer Smaller reporting	accelerated filer, a smaller reporting company or an emerging growth and "emerging growth company" in Rule 12b-2 of the Exchange Act. company Emerging growth company
		te by check mark if the registrant hat to Section 13(a) of the Exchange Act		ded transition period for complying with any new or revised financial
Indica	cate by check mark whether the regi	strant is a shell company (as defined	in Rule 12b-2 of the Exchang	ge Act). Yes 🗌 No 🛛
The F	Registrant had 21,683,802 shares of	Common Stock outstanding at Septe	ember 30, 2023.	

METTLER-TOLEDO INTERNATIONAL INC. INDEX TO QUARTERLY REPORT ON FORM 10-Q

		PAGE
	PART I. FINANCIAL INFORMATION	
Item 1.	Financial Statements	
	Unaudited Interim Consolidated Financial Statements:	
	<u>Interim Consolidated Statements of Operations and Comprehensive Income for the three months ended September 30, 2023 and 2022</u>	<u>3</u>
	<u>Interim Consolidated Statements of Operations and Comprehensive Income for the nine months ended September 30, 2023 and 2022</u>	<u>4</u>
	Interim Consolidated Balance Sheets as of September 30, 2023 and December 31, 2022	<u>5</u>
	Interim Consolidated Statements of Shareholders' Equity for the nine months ended September 30, 2023 and 2022	<u>6</u>
	Interim Consolidated Statements of Cash Flows for the nine months ended September 30, 2023 and 2022	<u>7</u>
	Notes to the Interim Consolidated Financial Statements at September 30, 2023	<u>8</u>
Item 2.	Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>25</u>
Item 3.	Quantitative and Qualitative Disclosures About Market Risk	<u>34</u>
Item 4.	Controls and Procedures	<u>34</u>
	PART II. OTHER INFORMATION	
Item 1.	Legal Proceedings	<u>35</u>
Item 1A.	Risk Factors	<u>35</u>
Item 2.	<u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	<u>35</u>
Item 3.	Defaults upon Senior Securities	<u>35</u>
Item 5.	Other Information	<u>35</u>
Item 6.	<u>Exhibits</u>	<u>35</u>
SIGNATUE	3E	37

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

METTLER-TOLEDO INTERNATIONAL INC. INTERIM CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME Three months ended September 30, 2023 and 2022 (In thousands, except share data) (unaudited)

(Se	ptember 30, 2023	S	eptember 30, 2022
Net sales				
Products	\$	722,611	\$	783,986
Service		219,851		201,860
Total net sales		942,462		985,846
Cost of sales				
Products		280,704		305,337
Service		102,219		95,853
Gross profit		559,539		584,656
Research and development		46,127		44,129
Selling, general and administrative		217,447		233,357
Amortization		18,314		16,728
Interest expense		20,278		14,484
Restructuring charges		7,385		2,022
Other charges (income), net		(1,171)		(1,949)
Earnings before taxes		251,159		275,885
Provision for taxes		49,528		55,288
Net earnings	\$	201,631	\$	220,597
Basic earnings per common share:				
Net earnings	\$	9.26	\$	9.85
Weighted average number of common shares		21,776,944		22,403,393
Diluted earnings per common share:				
Net earnings	\$	9.21	\$	9.76
Weighted average number of common and common equivalent shares		21,886,482		22,610,027
Comprehensive income, net of tax (Note 9)	\$	205,694	\$	178,448

METTLER-TOLEDO INTERNATIONAL INC. INTERIM CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME Nine months ended September 30, 2023 and 2022 (In thousands, except share data) (unaudited)

	Se	eptember 30, 2023	S	eptember 30, 2022
Net sales				
Products	\$	2,197,583	\$	2,270,845
Service		655,734		591,179
Total net sales		2,853,317		2,862,024
Cost of sales				
Products		863,408		902,445
Service		300,261		283,677
Gross profit		1,689,648		1,675,902
Research and development		138,849		131,180
Selling, general and administrative		680,679		710,875
Amortization		54,135		49,697
Interest expense		57,711		38,587
Restructuring charges		19,680		7,803
Other charges (income), net		(2,578)		(7,818)
Earnings before taxes		741,172		745,578
Provision for taxes		137,188		138,910
Net earnings	\$	603,984	\$	606,668
Basic earnings per common share:				
Net earnings	\$	27.54	\$	26.86
Weighted average number of common shares		21,933,889		22,587,026
Diluted earnings per common share:				
Net earnings	\$	27.37	\$	26.58
Weighted average number of common and common equivalent shares		22,067,398		22,821,408
Comprehensive income, net of tax (Note 9)	\$	568,064	\$	537,378

METTLER-TOLEDO INTERNATIONAL INC. INTERIM CONSOLIDATED BALANCE SHEETS As of September 30, 2023 and December 31, 2022 (In thousands, except share data) (unaudited)

(unaudited)		
	September 30, 2023	December 31, 2022
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 69,675	\$ 95,966
Trade accounts receivable, less allowances of \$19,411 at September 30, 2023		
and \$22,427 at December 31, 2022	634,967	709,321
Inventories	375,959	441,694
Other current assets and prepaid expenses	116,311	128,108
Total current assets	1,196,912	1,375,089
Property, plant and equipment, net	763,209	778,600
Goodwill	660,638	660,170
Other intangible assets, net	287,197	306,054
Deferred tax assets, net	27,687	27,080
Other non-current assets	353,087	345,402
Total assets	\$ 3,288,730	\$ 3,492,395
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Trade accounts payable	\$ 173,970	\$ 252,538
Accrued and other liabilities	172,871	205,253
Accrued compensation and related items	144,871	200,031
Deferred revenue and customer prepayments	190,784	192,759
Taxes payable	208,844	191,096
Short-term borrowings and current maturities of long-term debt	179,083	106,054
Total current liabilities	1,070,423	1,147,731
Long-term debt	1,929,401	1,908,480
Deferred tax liabilities, net	112,209	111,360
Other non-current liabilities	282,569	300,031
Total liabilities	3,394,602	3,467,602
Commitments and contingencies (Note 14)		
Shareholders' equity:		
Preferred stock, \$0.01 par value per share; authorized 10,000,000 shares	_	_
Common stock, \$0.01 par value per share; authorized 125,000,000 shares;		
issued 44,786,011 and 44,786,011 shares; outstanding 21,683,802 shares and		
22,139,009 shares at September 30, 2023 and December 31, 2022, respectively	448	448
Additional paid-in capital	865,632	850,368
Treasury stock at cost (23,102,209 shares at September 30, 2023 and 22,647,002 shares at December 31, 2022)	(8,037,091)	(7,325,656)
Retained earnings	7,328,292	6,726,866
Accumulated other comprehensive loss	(263,153)	(227,233)
Total shareholders' equity	(105,872)	24,793
Total liabilities and shareholders' equity	\$ 3,288,730	\$ 3,492,395

METTLER-TOLEDO INTERNATIONAL INC.
INTERIM CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY
Nine months ended September 30, 2023 and 2022
(In thousands, except share data)
(unaudited)

_	Common Stock			Additional					Accumulated Other			
	Paid-in Shares Amount Capital		Ti	reasury Stock	Retained Earnings		Comprehensive Income (Loss)		Total			
Balance at December 31, 2021	22,843,103	\$	448	\$	825,974	\$	(6,259,049)	\$ 5,859,272	\$	(255,224)	\$	171,421
Exercise of stock options and restricted stock units	27,795		_		1,020		6,669	(2,400)		_		5,289
Repurchases of common stock	(190,593)		_		_		(275,000)	_		_		(275,000)
Share-based compensation	_		_		4,509		_	_		_		4,509
Net earnings	_		_		_		_	174,001		_		174,001
Other comprehensive income (loss), net of tax	_		_		_		_	_		4,350		4,350
Balance at March 31, 2022	22,680,305	\$	448	\$	831,503	\$	(6,527,380)	\$ 6,030,873	\$	(250,874)	\$	84,570
Exercise of stock options and restricted stock units	44,613		_		1,496		10,925	_		_		12,421
Repurchases of common stock	(218,308)		_		_		(274,999)	_		_		(274,999)
Share-based compensation	_		_		4,691		_	_		_		4,691
Net earnings	_		_		_		_	212,070		_		212,070
Other comprehensive income (loss), net of tax	_		_		_		_	_		(31,491)		(31,491)
Balance at June 30, 2022	22,506,610	\$	448	\$	837,690	\$	(6,791,454)	\$ 6,242,943	\$	(282,365)	\$	7,262
Exercise of stock options and restricted stock units	8,058		_		_		1,941	(191)		_		1,750
Repurchases of common stock	(220,479)		_		_		(275,000)	_		_		(275,000)
Share-based compensation	_		_		4,731		_	_		_		4,731
Net earnings	_		_		_		_	220,597		_		220,597
Other comprehensive income (loss), net of tax	_		_		_		_	_		(42,149)		(42,149)
Balance at September 30, 2022	22,294,189	\$	448	\$	842,421	\$	(7,064,513)	\$ 6,463,349	\$	(324,514)	\$	(82,809)
Balance at December 31, 2022	22,139,009	\$	448	\$	850,368	\$	(7,325,656)	\$ 6,726,866	\$	(227,233)	\$	24,793
Exercise of stock options and restricted stock units	47,849		_		1,278		12,720	(2,525)		_		11,473
Repurchases of common stock	(166,628)		_		_		(249,999)	_		_		(249,999)
Excise tax on net repurchases of common stock	_		_		_		(1,906)	_		_		(1,906)
Share-based compensation	_		_		4,027		_	_		_		4,027
Net earnings	_		_		_		_	188,426		_		188,426
Other comprehensive income (loss), net of tax	_							 		(1,283)		(1,283)
Balance at March 31, 2023	22,020,230	\$	448	\$	855,673	\$	(7,564,841)	\$ 6,912,767	\$	(228,516)	\$	(24,469)
Exercise of stock options and restricted stock units	22,342		_		1,536		6,085	(7)		_		7,614
Repurchases of common stock	(177,754)		_		_		(250,000)	_		_		(250,000)
Excise tax on net repurchases of common stock	_		_		_		(2,272)	_		_		(2,272)
Share-based compensation	_		_		4,195		_	_		_		4,195
Net earnings	_		_		_		_	213,927		_		213,927
Other comprehensive income (loss), net of tax	_									(38,700)	_	(38,700)
Balance at June 30, 2023	21,864,818	\$	448	\$	861,404	\$	(7,811,028)	\$ 7,126,687	\$	(267,216)	\$	(89,705)
Exercise of stock options and restricted stock units	621		_		_		173	(26)		_		147
Repurchases of common stock	(181,637)		_		_		(223,999)	_		_		(223,999)
Excise tax on net repurchases of common stock	_		_		_		(2,237)	_		_		(2,237)
Share-based compensation	_		_		4,228		_	_		_		4,228
Net earnings	_		_		_		_	201,631		_		201,631
Other comprehensive income (loss), net of tax	_		_		_		_	_		4,063		4,063
Balance at September 30, 2023	21,683,802	\$	448	\$	865,632	\$	(8,037,091)	\$ 7,328,292	\$	(263,153)	\$	(105,872)

METTLER-TOLEDO INTERNATIONAL INC. INTERIM CONSOLIDATED STATEMENTS OF CASH FLOWS Nine months ended September 30, 2023 and 2022 (In thousands) (unaudited)

(unauditeu)				
	Sep	otember 30, 2023	Sej	otember 30, 2022
Cash flows from operating activities:				
Net earnings	\$	603,984	\$	606,668
Adjustments to reconcile net earnings to net cash provided by operating activities:				
Depreciation		36,406		35,001
Amortization		54,135		49,697
Deferred tax benefit		(4,455)		(4,881)
Share-based compensation		12,450		13,931
Increase (decrease) in cash resulting from changes in:				
Trade accounts receivable, net		61,978		(16,239)
Inventories		59,409		(78,574)
Other current assets		14,679		(14,509)
Trade accounts payable		(70,562)		(26,614)
Taxes payable		16,726		73,815
Accruals and other		(100,381)		(82,871)
Net cash provided by operating activities		684,369		555,424
Cash flows from investing activities:				
Proceeds from sale of property, plant and equipment		668		236
Purchase of property, plant and equipment		(72,907)		(89,213)
Proceeds from government funding		2,596		28,670
Acquisitions		(613)		(25,588)
Other investing activities		(25,937)		(3,463)
Net cash used in investing activities	<u> </u>	(96,193)		(89,358)
Cash flows from financing activities:				
Proceeds from borrowings		1,569,973		1,732,169
Repayments of borrowings		(1,467,228)		(1,348,152)
Proceeds from stock option exercises		19,234		19,460
Repurchases of common stock		(723,998)		(824,999)
Acquisition contingent consideration payment		(7,767)		(7,912)
Other financing activities		(826)		(1,172)
Net cash used in financing activities		(610,612)		(430,606)
Effect of exchange rate changes on cash and cash equivalents		(3,855)		(11,888)
Net increase (decrease) in cash and cash equivalents		(26,291)		23,572
Cash and cash equivalents:				
Beginning of period		95,966		98,564
End of period	\$	69,675	\$	122,136

(In thousands, except share data, unless otherwise stated)

1. BASIS OF PRESENTATION

Mettler-Toledo International Inc. (Mettler-Toledo or the Company) is a leading global supplier of precision instruments and services. The Company manufactures weighing instruments for use in laboratory, industrial, packaging, logistics and food retailing applications. The Company also manufactures several related analytical instruments and provides automated chemistry solutions used in drug and chemical compound discovery and development. In addition, the Company manufactures metal detection and other end-of-line inspection systems used in production and packaging and provides solutions for use in certain process analytics applications. The Company's primary manufacturing facilities are located in China, Germany, Switzerland, the United Kingdom and the United States. The Company's principal executive offices are located in Columbus, Ohio and Greifensee, Switzerland.

The accompanying interim consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP) and include all entities in which the Company has control, which are its wholly-owned subsidiaries. The interim consolidated financial statements have been prepared without audit, pursuant to the rules and regulations of the Securities and Exchange Commission. Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to such rules and regulations. The interim consolidated financial statements should be read in conjunction with the consolidated financial statements and the notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2022.

The accompanying interim consolidated financial statements reflect all adjustments which, in the opinion of management, are necessary for a fair statement of the results of the interim periods presented. Operating results for the three and nine months ended September 30, 2023 are not necessarily indicative of the results to be expected for the full year ending December 31, 2023.

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, as well as disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting periods. These financial statements were prepared using information reasonably available as of September 30, 2023 and through the date of this report. Actual results may differ from those estimates due to uncertainty in the economic environment and our end markets, ongoing developments in Ukraine, the Israeli-Palestinian conflict and inflation, as well as other factors.

All intercompany transactions and balances have been eliminated.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Trade Accounts Receivable

Trade accounts receivable are recorded at the invoiced amount and do not bear interest. The allowance for expected credit losses represents the Company's best estimate based on historical information, current information, and reasonable and supportable forecasts of future events and circumstances.

(In thousands, except share data, unless otherwise stated)

Inventories

Inventories are valued at the lower of cost or net realizable value. Cost, which includes direct materials, labor and overhead, is generally determined using the first in, first out (FIFO) method. The estimated net realizable value is based on assumptions for future demand and related pricing. Adjustments to the cost basis of the Company's inventory are made for excess and obsolete items based on usage, orders and technological obsolescence. If actual market conditions are less favorable than those projected by management, reductions in the value of inventory may be required.

Inventories consisted of the following:

	Sep	tember 30, 2023	Γ	December 31, 2022
Raw materials and parts	\$	183,464	\$	222,170
Work-in-progress		73,605		77,848
Finished goods		118,890		141,676
	\$	375,959	\$	441,694

Goodwill and Other Intangible Assets

Goodwill, representing the excess of purchase price over the net asset value of companies acquired, and indefinite-lived intangible assets are not amortized, but are reviewed for impairment annually in the fourth quarter, or more frequently if events or changes in circumstances indicate that an asset might be impaired. The annual evaluation for goodwill and indefinite-lived intangible assets are generally based on an assessment of qualitative factors to determine whether it is more likely than not that the fair value of the asset is less than its carrying amount.

Other intangible assets include indefinite-lived assets and assets subject to amortization. Where applicable, amortization is charged on a straight-line basis over the expected period of benefit. The straight-line method of amortization reflects an appropriate allocation of the cost of the intangible assets to earnings in proportion to the amount of economic benefits obtained by the Company in each reporting period. The Company assesses the initial acquisition of intangible assets in accordance with the provisions of ASC 805 "Business Combinations" and the continued accounting for previously recognized intangible assets and goodwill in accordance with the provisions of ASC 350 "Intangible - Goodwill and Other" and ASC 360 "Property, Plant and Equipment".

Other intangible assets consisted of the following:

		September 30, 2023						December 31, 2022					
	Gross Accumulated Amount Amortization Intangibles, Net		Gross Amount		Accumulated Amortization		Intangibles, Net						
Customer relationships	\$ 292,	336	\$ (103,688)	\$	188,648	\$	292,713	\$	(92,981)	\$	199,732		
Proven technology and patents	124,	175	(70,693)		53,482		123,623		(64,089)		59,534		
Tradenames (finite life)	7,	581	(4,127)		3,454		7,675		(3,543)		4,132		
Tradenames (indefinite life)	36,	232	_		36,232		36,252		_		36,252		
Other	13,	214	(7,833)		5,381		13,271		(6,867)		6,404		
	\$ 473,	538	\$ (186,341)	\$	287,197	\$	473,534	\$	(167,480)	\$	306,054		

(In thousands, except share data, unless otherwise stated)

The Company recognized amortization expense associated with the above intangible assets of \$7.0 million and \$6.7 million for the three months ended September 30, 2023 and 2022, respectively, and \$20.8 million and \$20.1 million for the nine months ended September 30, 2023 and 2022, respectively. The annual aggregate amortization expense based on the current balance of other intangible assets is estimated to be \$27.5 million for 2023, \$26.9 million for 2024, \$26.0 million for 2025, \$22.1 million for 2026, \$20.6 million for 2027, and \$18.9 million for 2028. Purchased intangible amortization was \$6.7 million, \$5.2 million after tax, and \$6.4 million, \$5.0 million after tax, for the three months ended September 30, 2023 and 2022, respectively, and \$19.9 million, \$15.4 million after tax, and \$19.4 million, \$15.0 million after tax, for the nine months ended September 30, 2023 and 2022, respectively.

In addition to the above amortization, the Company recorded amortization expense associated with capitalized software of \$11.2 million and \$10.0 million for the three months ended September 30, 2023 and 2022, respectively, and \$33.2 million and \$29.4 million for the nine months ended September 30, 2023 and 2022, respectively.

Revenue Recognition

Product revenue is recognized from contracts with customers when a customer has obtained control of a product. The Company considers control to have transferred based upon shipping terms. To the extent the Company's arrangements have a separate performance obligation, revenue related to any post-shipment performance obligation is deferred until completed. Shipping and handling costs charged to customers are included in total net sales and the associated expense is a component of cost of sales. Certain products are also sold through indirect distribution channels whereby the distributor assumes any further obligations to the end customer. Revenue is recognized on these distributor arrangements upon transfer of control to the distributor. Contracts do not contain variable pricing arrangements that are retrospective, except for rebate programs. Rebates are estimated based on expected sales volumes and offset against revenue at the time such revenue is recognized. The Company generally maintains the right to accept or reject a product return in its terms and conditions and also maintains appropriate accruals for outstanding credits. The related provisions for estimated returns and rebates are immaterial to the consolidated financial statements.

Certain of the Company's product arrangements include separate performance obligations, primarily related to installation. Such performance obligations are accounted for separately when the deliverables have stand-alone value and the satisfaction of the undelivered performance obligations is probable and within the Company's control. The allocation of revenue between the performance obligations is based on the observable stand-alone selling prices at the time of the sale in accordance with a number of factors including service technician billing rates, time to install, and geographic location.

Software is generally not considered a distinct performance obligation with the exception of a few small software applications. The Company generally does not sell software products without the related hardware instrument as the software is embedded in the product. The Company's products typically require no significant production, modification, or customization of the hardware or software that is essential to the functionality of the products.

Service revenue not under contract is recognized upon the completion of the service performed. Revenue from spare parts sold on a stand-alone basis is recognized when control is transferred to the customer, which is generally at the time of shipment or delivery. Revenue from service contracts is recognized ratably over the contract period using a time-based method. These contracts represent an obligation to perform repair and other services including regulatory compliance qualification, calibration, certification, and preventative maintenance on a customer's pre-defined equipment over the contract period.

(In thousands, except share data, unless otherwise stated)

Share-Based Compensation

The Company recognizes share-based compensation expense within selling, general and administrative in the consolidated statements of operations and other comprehensive income with a corresponding offset to additional paid-in capital in the consolidated balance sheet. The Company recorded \$4.2 million and \$12.5 million of share-based compensation expense for the three and nine months ended September 30, 2023, respectively, compared to \$4.7 million and \$13.9 million for the corresponding periods in 2022.

Research and Development

Research and development costs primarily consist of salaries, consulting and other costs. The Company expenses these costs as incurred.

Business Combinations and Asset Acquisitions

The Company accounts for business acquisitions under the accounting standards for business combinations. The results of each acquisition are included in the Company's consolidated results as of the acquisition date. The purchase price of an acquisition is allocated to tangible and intangible assets and assumed liabilities based on their estimated fair values and any consideration in excess of the net assets acquired is recognized as goodwill. The determination of the values of the acquired assets and assumed liabilities, including goodwill and intangible assets, require significant judgment. Acquisition transaction costs are expensed when incurred.

In circumstances where an acquisition involves a contingent consideration arrangement, the Company recognizes a liability equal to the fair value of the expected contingent payments as of the acquisition date. Subsequent changes in the fair value of the contingent consideration are recorded to other charges (income), net.

Recent Accounting Pronouncements

In March 2020, January 2021 and December 2022, the FASB issued ASU 2020-04, ASU 2021-01 and ASU-2022-06: Reference Rate Reform which provides optional expedients and exceptions for applying GAAP to contracts, hedging relationships, and other transactions affected by the discontinuance of LIBOR or another referenced rate. The guidance may be applied to any applicable contract entered into before December 31, 2024. During the nine months ended September 30, 2023, the Company amended its credit agreement and cross currency swap agreements to change the interest rate benchmark from LIBOR to SOFR and other non-U.S. dollar references, which did not change the amount or timing of cash flows. As a result, the discontinuation of LIBOR in June 2023 did not have a material impact on the Company's financial statements.

3. REVENUE

The Company disaggregates revenue from contracts with customers by product, service, timing of revenue recognition and geography. A summary of revenue by the Company's reportable segments for the three and nine months ended September 30, 2023 and 2022 follows:

(In thousands, except share data, unless otherwise stated)

For the three months ended September 30, 2023 U.S. Operations		Swiss Operations	Western European Operations	Chinese Operations	Other Operations	Total
Product Revenue	\$ 264,095	\$ 40,270	\$ 135,608	\$ 147,312	\$ 135,326	\$ 722,611
Service Revenue:						
Point in time	68,082	7,049	42,663	10,570	34,420	162,784
Over time	21,581	2,914	20,249	4,130	8,193	57,067
Total	\$ 353,758	\$ 50,233	\$ 198,520	\$ 162,012	\$ 177,939	\$ 942,462
For the three months ended September 30, 2022	U.S. Operations	Swiss Operations	Western European Operations	Chinese Operations	Other Operations	Total
Product Revenue	\$ 287,948	\$ 32,366	\$ 129,089	\$ 212,163	\$ 122,421	\$ 783,987
Service Revenue:						
Point in time	65,596	6,401	29,071	13,543	30,248	144,859
Over time	20,220	2,205	22,799	4,016	7,760	57,000
Total	\$ 373,764	\$ 40,972	\$ 180,959	\$ 229,722	\$ 160,429	\$ 985,846
For the nine months ended September 30, 2023	U.S. Operations	Swiss Operations	Western European Operations	Chinese Operations	Other Operations	Total
Product Revenue	\$ 776,505	\$ 113,393	\$ 406,719	\$ 522,001	\$ 378,965	\$ 2,197,583
Service Revenue:						
Point in time	210,957	21,756	124,659	34,938	96,607	488,917
Over time	62,812	8,256	58,641	12,510	24,598	166,817
Total	\$ 1,050,274	\$ 143,405	\$ 590,019	\$ 569,449	\$ 500,170	\$ 2,853,317
For the nine months ended September 30, 2022	U.S. Operations	Swiss Operations	Western European Operations	Chinese Operations	Other Operations	Total
Product Revenue	\$ 816,193	\$ 99,567	\$ 404,060	\$ 593,283	\$ 357,742	\$ 2,270,845
Service Revenue:						
Point in time	190,340	20,072	97,250	34,578	89,390	431,630
Over time	54,197	6,665	62,798	14,376	21,513	159,549
Total			\$ 564,108			

A breakdown of net sales to external customers by geographic customer destination for the three and nine months ended September 30 follows:

 Three Mo	nths E	Ended		Nine Moi	nths E	Inded
2023 2022			2023		2022	
\$ 397,721	\$	408,207	\$	1,166,691	\$	1,154,602
255,157		228,145		755,470		720,667
 289,584		349,494		931,156		986,755
\$ 942,462	\$	985,846	\$	2,853,317	\$	2,862,024
\$	2023 \$ 397,721 255,157 289,584	2023 \$ 397,721 \$ 255,157 289,584	\$ 397,721 \$ 408,207 255,157 228,145 289,584 349,494	2023 2022 \$ 397,721 \$ 408,207 \$ 255,157 228,145 289,584 349,494	2023 2022 2023 \$ 397,721 \$ 408,207 \$ 1,166,691 255,157 228,145 755,470 289,584 349,494 931,156	2023 2022 2023 \$ 397,721 \$ 408,207 \$ 1,166,691 \$ 255,157 228,145 755,470 289,584 349,494 931,156

(In thousands, except share data, unless otherwise stated)

The Company's global revenue mix by product category is laboratory (55% of sales), industrial (39% of sales) and retail (6% of sales). The Company's product revenue by reportable segment is proportionately similar to the Company's global mix except the Company's Swiss Operations is largely comprised of laboratory products while the Company's Chinese Operations has a slightly higher percentage of industrial products. A breakdown of the Company's sales by product category for the three and nine months ended September 30 is as follows:

	 Three Mo	nths l	Ended	Nine Months Ended								
	 2023		2022		2023		2022					
Laboratory	\$ 508,817	\$	555,112	\$	1,555,547	\$	1,614,586					
Industrial	365,909		386,543		1,120,090		1,114,454					
Retail	 67,736		44,191		177,680		132,984					
Total	\$ 942,462	\$	985,846	\$	2,853,317	\$	2,862,024					

The payment terms in the Company's contracts with customers do not exceed one year and therefore contracts do not contain a significant financing component. In most cases, after appropriate credit evaluations, payments are due in arrears and are recognized as receivables. Unbilled revenue is recorded when performance obligations have been satisfied, but not yet billed to the customer. Unbilled revenue as of September 30, 2023 and December 31, 2022 was \$43.5 million and \$29.2 million, respectively, and is included within accounts receivable. Deferred revenue and customer prepayments are recorded when cash payments are received or due in advance of the performance obligation being satisfied. Deferred revenue primarily includes prepaid service contracts, as well as deferred installation.

Changes in the components of deferred revenue and customer prepayments during the nine month periods ending September 30, 2023 and 2022 are as follows:

	2023	2022
Beginning balances as of January 1	\$ 192,759	\$ 192,648
Customer pre-payments/deferred revenue	485,721	545,997
Revenue recognized	(484,858)	(523,022)
Foreign currency translation	(2,838)	(17,444)
Ending balance as of September 30	\$ 190,784	\$ 198,179

The Company generally expenses sales commissions when incurred because the contract period is one year or less. These costs are recorded within selling, general, and administrative expenses. The value of unsatisfied performance obligations other than customer prepayments and deferred revenue associated with contracts greater than one year is immaterial.

(In thousands, except share data, unless otherwise stated)

4. FINANCIAL INSTRUMENTS

The Company has limited involvement with derivative financial instruments and does not use them for trading purposes. The Company enters into certain interest rate and cross currency swap agreements in order to manage its exposure to changes in interest rates. The amount of the Company's fixed obligation interest payments may change based upon the expiration dates of its interest rate and cross currency swap agreements and the level and composition of its debt. The Company also enters into certain foreign currency forward contracts to limit the Company's exposure to currency fluctuations on the respective hedged items. For additional disclosures on derivative instruments regarding balance sheet location, fair value, and the amounts reclassified into other comprehensive income and the effective portion of the cash flow hedges, also see Note 5 and Note 9 to the interim consolidated financial statements. As also described in Note 7, the Company has designated its euro-denominated debt as a hedge of a portion of its net investment in euro-denominated foreign subsidiaries.

Cash Flow Hedges

In June 2023, the Company entered into a cross currency swap arrangement designated as a cash flow hedge. The agreement converts \$50 million of borrowings under the Company's credit facility into synthetic Swiss franc debt, which allows the Company to effectively change the floating rate SOFR-based interest payments, excluding the credit spread, to a fixed Swiss franc expense of 1.55%. The swap replaced the agreement that matured in June 2023. The swap matures in June 2027.

The Company amended all active cross currency swap agreements to replace all references of LIBOR to SOFR as the interest rate benchmark to align with the amendment to the Company's Credit Facility Agreement, as discussed in Note 7 to the interim consolidated financial statements. As part of these amendments, the corresponding fixed Swiss Franc interest rates were amended as well to reflect the change in the benchmark.

In November 2021, the Company entered into a cross currency swap arrangement designated as a cash flow hedge. The agreement converts \$50 million of borrowings under the Company's credit facility into synthetic Swiss franc debt, which allows the Company to effectively change the floating rate SOFR-based interest payments, excluding the credit spread, to a fixed Swiss franc income of 0.67%. The swap matures in November 2023.

In June 2021, the Company entered into a cross currency swap arrangement designated as a cash flow hedge. The agreement converts \$50 million of borrowings under the Company's credit facility into synthetic Swiss franc debt, which allows the Company to effectively change the floating rate SOFR-based interest payments, excluding the credit spread to a fixed Swiss franc income of 0.59%. The swap matures in June 2025.

In June 2021, the Company entered into a cross currency swap arrangement designated as a cash flow hedge. The agreement converts \$50 million of borrowings under the Company's credit facility into synthetic Swiss franc debt, which allows the Company to effectively change the floating rate SOFR-based interest payments, excluding the credit spread to a fixed Swiss franc income of 0.73%. The swap matures in June 2024.

In June 2019, the Company entered into a cross currency swap arrangement designated as a cash flow hedge. The agreement converts \$50 million of borrowings under the Company's credit facility into synthetic Swiss franc debt, which allows the Company to effectively change the floating rate LIBOR-based interest payments, excluding the credit spread, to a fixed Swiss franc income of 0.82%. The swap matured in June 2023.

(In thousands, except share data, unless otherwise stated)

The Company's cash flow hedges are recorded gross at fair value in the consolidated balance sheet at September 30, 2023 and December 31, 2022, respectively. A derivative gain of \$6.0 million based upon interest rates at September 30, 2023, is expected to be reclassified from other comprehensive income (loss) to earnings in the next twelve months. The cash flow hedges remain effective as of September 30, 2023.

Other Derivatives

The Company enters into foreign currency forward contracts in order to economically hedge short-term trade and non-trade intercompany balances largely denominated in Swiss franc, other major European currencies, and the Chinese Renminbi with its foreign businesses. In accordance with U.S. GAAP, these contracts are considered "derivatives not designated as hedging instruments." Gains or losses on these instruments are reported in current earnings. The foreign currency forward contracts are recorded at fair value in the consolidated balance sheet at September 30, 2023 and December 31, 2022, as disclosed in Note 5. The Company recognized in other charges (income) a net loss of \$0.2 million and net loss of \$20.9 million during the three months ended September 30, 2023 and 2022, respectively, and a net loss of \$15.7 million and a net loss of \$29.3 million during the nine months ended September 30, 2023 and 2022, respectively, which offset the related transaction gains (losses) associated with these contracts. At September 30, 2023 and December 31, 2022, these contracts had a notional value of \$697.3 million and \$930.3 million, respectively.

5. FAIR VALUE MEASUREMENTS

At September 30, 2023 and December 31, 2022, the Company had derivative assets totaling \$13.8 million and \$11.5 million respectively, and derivative liabilities totaling \$4.6 million and \$5.4 million, respectively. The Company has limited involvement with derivative financial instruments and therefore does not need to present all the required disclosures in tabular format. The fair values of the cross-currency swap agreements and foreign currency forward contracts that economically hedge short-term intercompany balances are estimated based upon inputs from current valuation information obtained from dealer quotes and priced with observable market assumptions and appropriate valuation adjustments for credit risk. The Company has evaluated the valuation methodologies used to develop the fair values by dealers in order to determine whether such valuations are representative of an exit price in the Company's principal market. In addition, the Company uses an internally developed model to perform testing on the valuations received from brokers. The Company has also considered both its own credit risk and counterparty credit risk in determining fair value and determined these adjustments were insignificant at September 30, 2023 and December 31, 2022.

Under U.S. GAAP, fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. A fair value measurement consists of observable and unobservable inputs that reflect the assumptions that a market participant would use in pricing an asset or liability.

A fair value hierarchy has been established that categorizes these inputs into three levels:

- Level 1: Quoted prices in active markets for identical assets and liabilities
- Level 2: Observable inputs other than quoted prices in active markets for identical assets and liabilities
- Level 3: Unobservable inputs

(In thousands, except share data, unless otherwise stated)

The following table presents the Company's assets and liabilities, which are all categorized as Level 2, that are measured at fair value on a recurring basis. The Company does not have any assets or liabilities which are categorized as Level 1:

	Sep	tember 30, 2023	D	ecember 31, 2022	Balance Sheet Classification
Foreign currency forward contracts not designated as hedging instruments	\$	9,261	\$	3,958	Other current assets and prepaid expenses
Cash Flow Hedges:					
Cross currency swap agreement		1,823		609	Other current assets and prepaid expenses
Cross currency swap agreement		2,736		6,890	Other non-current assets
Total derivative assets	\$	13,820	\$	11,457	
Foreign currency forward contracts not designated as hedging instruments	\$	3,847	\$	2,056	Accrued and other liabilities
Cash Flow Hedges:		(00		2266	
Cross currency swap agreement		633		3,366	Accrued and other liabilities
Cross currency swap agreement		169		<u> </u>	Other non-current liabilities
Total derivative liabilities	\$	4,649	\$	5,422	

The Company had \$9.7 million and \$25.3 million of cash equivalents at September 30, 2023 and December 31, 2022, respectively, the fair value of which is determined using Level 2 inputs, through quoted and corroborated prices in active markets. The fair value of cash equivalents approximates cost.

The fair value of the Company's debt is less than the carrying value by approximately \$274.7 million as of September 30, 2023. The fair value of the Company's fixed interest rate debt was estimated using Level 2 inputs, primarily discounted cash flow models, based on estimated current rates offered for similar debt under current market conditions for the Company.

During the nine months ended September 30, 2023, \$10.0 million of contingent consideration was paid relating to the PendoTECH acquisition of which \$5.6 million is included in financing activities for the amount accrued at the acquisition date and \$4.4 million is included in operating activities for the amount not accrued at the acquisition date on the Consolidated Statement of Cash Flows in accordance with U.S. GAAP.

During the nine months ended September 30, 2022, \$10.0 million of contingent consideration was paid relating to the PendoTECH acquisition of which \$7.9 million is included in financing activities for the amount accrued at the acquisition date and \$2.1 million is included in operating activities for the amount not accrued at the acquisition date on the Consolidated Statement of Cash Flows in accordance with U.S. GAAP.

The Company no longer has a contingent consideration obligation relating to the PendoTECH acquisition as of September 30, 2023.

6. INCOME TAXES

The Company's reported tax rate was 19.7% and 20.0% during the three months ended September 30, 2023 and 2022, respectively and 18.5% and 18.6% during the nine months ended September 30, 2023 and 2022, respectively. The provision for taxes is based upon using the Company's projected annual effective tax rate of 19.0% before non-recurring discrete tax items during 2023 and 2022. The difference between the Company's projected annual effective tax rate and the reported tax rate is primarily related to the timing of excess tax benefits associated with stock option exercises.

(In thousands, except share data, unless otherwise stated)

7. DEBT

Debt consisted of the following at September 30, 2023:

			er Principal Trading	
	U	.S. Dollar	urrencies	Total
3.84% \$125 million ten-year Senior Notes due September 19, 2024	\$	125,000	\$ 	\$ 125,000
4.24% \$125 million ten-year Senior Notes due June 25, 2025		125,000		125,000
3.91% \$75 million ten-year Senior Notes due June 25, 2029		75,000	_	75,000
5.45% \$150 million ten-year Senior Notes due March 1, 2033		150,000		150,000
2.83% \$125 million twelve-year Senior Notes due July 22, 2033		125,000	_	125,000
3.19% \$50 million fifteen-year Senior Notes due January 24, 2035		50,000		50,000
2.81% \$150 million fifteen-year Senior Note due March 17, 2037		150,000	_	150,000
2.91% \$150 million fifteen-year Senior Note due September 1, 2037		150,000		150,000
1.47% Euro 125 million fifteen-year Senior Notes due June 17, 2030		_	131,704	131,704
1.30% Euro 135 million fifteen-year Senior Notes due November 6, 2034		_	142,241	142,241
1.06% Euro 125 million fifteen-year Senior Notes due March 19, 2036		_	131,704	131,704
Debt issuance costs, net		(2,753)	(1,389)	(4,142)
Total Senior Notes		947,247	404,260	1,351,507
\$1.25 billion Credit Agreement, interest at benchmark plus 87.5 basis points (a)		509,253	190,303	699,556
Other local arrangements		5,803	51,618	57,421
Total debt		1,462,303	646,181	2,108,484
Less: current portion		(127,663)	(51,420)	(179,083)
Total long-term debt	\$	1,334,640	\$ 594,761	\$ 1,929,401

⁽a) The benchmark interest rate is determined by the borrowing currency. The benchmark rates by borrowing currency are as follows: SOFR for U.S. dollars (plus a 10 basis points spread adjustment), SARON for Swiss franc, EURIBOR for Euro and SONIA for Great British pounds.

As of September 30, 2023, the Company had \$545.2 million of additional borrowings available under its Credit Agreement, and the Company maintained \$69.7 million of cash and cash equivalents.

In May 2023, the Company amended its Credit Agreement to replace all references of LIBOR to SOFR and other non-U.S. dollar references as the interest rate benchmark.

In December 2022, the Company entered into an agreement to issue and sell \$150 million 10-year Senior Notes in a private placement. The Company issued \$150 million with a fixed interest rate of 5.45% (5.45% Senior Notes) in March 2023. The 5.45% Senior Notes are senior unsecured obligations of the Company. The 5.45% Senior Notes mature in March 2033. The terms of the 5.45% Senior Notes are consistent with the previous Senior Notes as described in the Company's Annual Report on Form 10-K. The Company used the proceeds from the sale of the 5.45% Senior Notes to refinance existing indebtedness and for other general corporate purposes.

In December 2021, the Company entered into an agreement to issue and sell \$300 million 15-year Senior Notes in a private placement. The Company issued \$150 million with a fixed interest rate of 2.81% (2.81% Senior Notes) in March 2022 and \$150 million with a fixed interest rate of 2.91% (2.91% Senior Notes) in September 2022. The 2.81% and 2.91% Senior Notes are senior unsecured obligations of the Company. The 2.81% Senior Notes mature in March 2037, and the 2.91% Senior Notes mature in September 2037. The terms of the Senior Notes are consistent with the previous Senior Notes as described

(In thousands, except share data, unless otherwise stated)

in the Company's Annual Report on Form 10-K. The Company used the proceeds from the sale of the notes to refinance existing indebtedness and for other general corporate purposes.

The Company has designated the EUR 125 million 1.47% Euro Senior Notes, the EUR 135 million 1.30% Euro Senior Notes, and the EUR 125 million 1.06% Euro Senior Notes as a hedge of a portion of its net investment in euro-denominated foreign subsidiaries to reduce foreign currency risk associated with the net investment. Changes in the carrying value of this debt resulting from fluctuations in the euro to U.S. dollar exchange rate are recorded as foreign currency translation adjustments within other comprehensive income (loss). The Company recorded in other comprehensive income (loss) related to this net investment hedge an unrealized gain of \$15.3 million and \$35.8 million for the three months ended September 30, 2023 and 2022, respectively, and an unrealized gain of \$6.4 million and \$66.2 million for the nine month periods ended September 30, 2023 and 2022, respectively. The Company has a gain of \$36.6 million recorded in accumulated other comprehensive income (loss) as of September 30, 2023.

Other Local Arrangements

In April 2018, two of the Company's non-U.S. pension plans issued loans totaling \$39.6 million (Swiss franc 38 million) to a wholly owned subsidiary of the Company. The loans have the same terms and conditions, which include an interest rate of SARON plus 87.5 basis points. The loans were renewed for one year in April 2023.

8. SHARE REPURCHASE PROGRAM AND TREASURY STOCK

The Company has \$2.7 billion of remaining availability for its share repurchase program as of September 30, 2023. The share repurchases are expected to be funded from cash generated from operating activities, borrowings, and cash balances. Repurchases will be made through open market transactions, and the amount and timing of purchases will depend on business and market conditions, the stock price, trading restrictions, the level of acquisition activity, and other factors.

The Company has purchased 31.5 million shares since the inception of the program in 2004 through September 30, 2023. During the nine months ended September 30, 2023 and 2022, the Company spent \$724.0 million and \$825.0 million on the repurchase of 526,019 shares and 629,380 shares at an average price per share of \$1,388.54 and \$1,310.79, respectively. The Company also reissued 70,812 shares and 80,466 shares held in treasury upon the exercise of stock options and vesting of restricted stock units during the nine months ended September 30, 2023 and 2022, respectively. In addition, the Company incurred \$2.2 million and \$6.4 million of excise tax during the three and nine months ended September 30, 2023 related to the Inflation Reduction Act which is reflected as a reduction in shareholders' equity in the Company's consolidated financial statements.

(In thousands, except share data, unless otherwise stated)

9. ACCUMULATED OTHER COMPREHENSIVE INCOME

Comprehensive income (loss), net of tax consisted of the following as of September 30:

	_	Three Mo	nths	Ended	Nine Months Ended				
		2023		2022		2023		2022	
Net earnings	\$	201,631	\$	220,597	\$	603,984	\$	606,668	
Other comprehensive income (loss), net of tax		4,063		(42,149)		(35,920)		(69,290)	
Comprehensive income, net of tax	\$	205,694	\$	178,448		568,064	\$	537,378	

The following table presents changes in accumulated other comprehensive income by component for the nine months ended September 30, 2023 and 2022:

	Γ	Currency Franslation justment, Net of Tax	Net Unrealized Gain (Loss) on Cash Flow Hedgin Arrangements, Net of Tax	g	Pension and Post- Retirement Benefit Related Items, Net of Tax		Total
Balance at December 31, 2022	\$	(82,864)	\$ 4,25	6	\$ (148,625)	\$	(227,233)
Other comprehensive income (loss), net of tax:							
Unrealized gains (losses) on cash flow hedging arrangements		_	2,55	5	_		2,555
Foreign currency translation adjustment		(36,740)	=	_	(991)		(37,731)
Amounts recognized from accumulated other comprehensive income (loss), net of tax		<u> </u>	(5,54	1)	4,797		(744)
Net change in other comprehensive income (loss), net of tax		(36,740)	(2,98	6)	3,806		(35,920)
Balance at September 30, 2023	\$	(119,604)	\$ 1,27	0	\$ (144,819)	\$	(263,153)
	7	Currency Translation justment, Net of Tax	Net Unrealized Gain (Loss) on Cash Flow Hedgin Arrangements, Net of Tax	ıg	Pension and Post- Retirement Benefit Related Items, Net of Tax		Total
Balance at December 31, 2021	\$	(19,566)	\$	2	\$ (235,660)	\$	(255,224)
Other comprehensive income (loss), net of tax:							
Unrealized gains (losses) on cash flow hedging arrangements		_	18,51	2	_		18,512
Foreign currency translation adjustment		(101,250)	-	_	17,842		(83,408)
Amounts recognized from accumulated other comprehensive income (loss), net of tax			(14,43	4)	10,040		(4,394)
Net change in other comprehensive income (loss), net of tax		(101,250)	4.07	8	27,882		(69,290)
		(- ,)	,	_		_	

(In thousands, except share data, unless otherwise stated)

The following table presents amounts recognized from accumulated other comprehensive income (loss) for the three and nine month periods ended September 30:

			nths Ended aber 30,	
	2023		2022	Location of Amounts Recognized in Earnings
Effective portion of gains on cash flow hedging arrangements:		_		
Cross currency swap agreement		(7,736)	(7,612)	(a)
Provision for taxes		(1,470)	(1,446)	Provision for taxes
Total, net of taxes	\$	(6,266)	\$ (6,166)	
Recognition of defined benefit pension and post-retirement items:				
Recognition of actuarial losses and prior service cost, before taxes	\$	2,044	\$ 4,173	(b)
Provision for taxes		430	896	Provision for taxes
Total, net of taxes	\$	1,614	\$ 3,277	

- (a) The cross currency swap reflects an unrealized gain of \$5.0 million for the three months ended September 30, 2023 recorded in other charges (income) that was offset by the underlying unrealized loss on the hedged debt. The cross currency swap also reflects a realized gain of \$2.7 million recorded in interest expense for the three months ended September 30, 2023.
- (b) These accumulated other comprehensive income (loss) components are included in the computation of net periodic pension and post-retirement cost. See Note 11 for additional details for the three months ended September 30, 2023 and 2022.

	Nine Mo Septe			
	2023		Location of Amounts Recognized in Earnings	
Effective portion of gains on cash flow hedging arrangements:				
Interest rate swap agreements	\$ _	\$	352	Interest expense
Cross currency swap agreement	(6,841)		(18,144)	(a)
Total before taxes	(6,841)		(17,792)	
Provision for taxes	 (1,300)		(3,358)	Provision for taxes
Total, net of taxes	\$ (5,541)	\$	(14,434)	
Recognition of defined benefit pension and post-retirement items:				
Recognition of actuarial losses and prior service cost, before taxes	\$ 6,081	\$	12,788	(b)
Provision for taxes	1,284		2,748	Provision for taxes
Total, net of taxes	\$ 4,797	\$	10,040	

- (a) The cross currency swap reflects an unrealized loss of \$1.3 million for the nine months ended September 30, 2023 recorded in other charges (income) that was offset by the underlying unrealized gain on the hedged debt. The cross currency swap also reflects a realized gain of \$8.2 million recorded in interest expense for the nine months ended September 30, 2023.
- (b) These accumulated other comprehensive income (loss) components are included in the computation of net periodic pension and post-retirement cost. See Note 11 for additional details for the nine months ended September 30, 2023 and 2022.

(In thousands, except share data, unless otherwise stated)

10. EARNINGS PER COMMON SHARE

In accordance with the treasury stock method, the Company has included the following common equivalent shares in the calculation of diluted weighted average number of common shares outstanding for the three and nine months ended September 30, relating to outstanding stock options and restricted stock units:

	2023	2022
Three months ended	109,538	206,634
Nine months ended	133,509	234,382

Outstanding options and restricted stock units to purchase or receive 52,423 and 39,214 shares of common stock for the three month period ended September 30, 2023 and 2022, respectively, have been excluded from the calculation of diluted weighted average number of common and common equivalent shares as such options and restricted stock units would be anti-dilutive. Options and restricted stock units to purchase or receive 48,490 and 38,870 shares for the nine month period ended September 30, 2023 and 2022, respectively, have been excluded from the calculation of diluted weighted average of common and common equivalent shares as such options and restricted stock units would be anti-dilutive.

11. NET PERIODIC PENSION COST

Net periodic pension cost for the Company's defined benefit pension plans and U.S. post-retirement medical plan includes the following components for the three months ended September 30:

	U.S. Pension Benefits					Non-U.S Ben			Other U retiremen				To	tal	
		2023				2023	2022		2023		2022		2023		2022
Service cost, net	\$	287	\$	416	\$	3,467	\$ 4,732	\$		\$		\$	3,754	\$	5,148
Interest cost on projected benefit obligations		1,256		674		4,965	1,447		7		3		6,228		2,124
Expected return on plan assets		(1,383)		(1,548)		(8,746)	(8,951)		_		_		(10,129)		(10,499)
Recognition of prior service cost		_		_		(1,074)	(1,046)		(19)		(19)		(1,093)		(1,065)
Recognition of actuarial losses/(gains)		548		584		2,591	4,665		_		(8)		3,139		5,241
Net periodic pension cost/(credit)	\$	708	\$	126	\$	1,203	\$ 847	\$	(12)	\$	(24)	\$	1,899	\$	949

Net periodic pension cost for the Company's defined benefit pension plans and U.S. post-retirement medical plan includes the following components for the nine months ended September 30:

	Ţ	U.S. Pension Benefits				Non-U.S Ber			Other U.S. Post- retirement Benefits					Total			
		2023	2022		2023		2022		2023	2022		2023			2022		
Service cost, net	\$	866	\$	1,248	\$	10,288	\$	14,497	\$		\$		\$	11,154	\$	15,745	
Interest cost on projected benefit obligations		3,767		2,022		14,757		4,497		22		9		18,546		6,528	
Expected return on plan assets		(4,149)		(4,642)		(25,958)		(27,398)		_		_		(30,107)		(32,040)	
Recognition of prior service cost		_		_		(3,184)		(3,187)		(57)		(56)		(3,241)		(3,243)	
Recognition of actuarial losses/(gains)		1,644		1,753		7,689		14,304		(1)		(23)		9,332		16,034	
Net periodic pension cost/(credit)	\$	2,128	\$	381	\$	3,592	\$	2,713	\$	(36)	\$	(70)	\$	5,684	\$	3,024	

(In thousands, except share data, unless otherwise stated)

As previously disclosed in the Company's Annual Report on Form 10-K for the year ended December 31, 2022, the Company expects to make employer contributions of approximately \$27.5 million to its non-U.S. pension plans during the year ended December 31, 2023. This estimate may change based upon several factors, including fluctuations in currency exchange rates, actual returns on plan assets and changes in legal requirements.

12. OTHER CHARGES (INCOME), NET

Other charges (income), net includes non-service pension costs (benefits), (gains) losses from foreign currency transactions and related hedging activities, interest income and other items. Non-service pension benefits for the three months ended September 30, 2023 and 2022 were \$1.9 million and \$4.2 million, respectively, and \$5.6 million and \$12.7 million for the nine months ended September 30, 2023 and 2022, respectively.

13. SEGMENT REPORTING

As disclosed in Note 18 to the Company's consolidated financial statements for the year ended December 31, 2022, the Company has determined there are five reportable segments: U.S. Operations, Swiss Operations, Western European Operations, Chinese Operations and Other.

The Company evaluates segment performance based on Segment Profit (gross profit less research and development and selling, general and administrative expenses, before amortization, interest expense, restructuring charges, other charges (income), net and taxes).

The following tables show the operations of the Company's operating segments:

For the three months ended September 30, 2023]	et Sales to External Sustomers	Net Sales to Other Segments	Total Net Sales	Segment Profit	As	of September 30, 2023 Goodwill
U.S. Operations	\$	353,758	\$ 34,253	\$ 388,011	\$ 90,604	\$	524,459
Swiss Operations		50,233	196,967	247,200	64,387		25,224
Western European Operations		198,520	47,879	246,399	46,345		96,966
Chinese Operations		162,012	70,392	232,404	83,865		596
Other (a)		177,939	2,677	180,616	30,007		13,393
Eliminations and Corporate (b)			(352,168)	(352,168)	(19,243)		
Total	\$	942,462	\$ 	\$ 942,462	\$ 295,965	\$	660,638

	Net Sales to	Net Sales to		
For the nine months ended	External	Other	Total Net	Segment
September 30, 2023	Customers	Segments	 Sales	Profit
U.S. Operations	\$ 1,050,274	\$ 101,243	\$ 1,151,517	\$ 276,605
Swiss Operations	143,405	580,174	723,579	207,723
Western European Operations	590,019	140,521	730,540	129,615
Chinese Operations	569,449	198,123	767,572	284,828
Other (a)	500,170	17,236	517,406	78,690
Eliminations and Corporate (b)	_	(1,037,297)	(1,037,297)	(107,341)
Total	\$ 2,853,317	\$ _	\$ 2,853,317	\$ 870,120

(In thousands, except share data, unless otherwise stated)

- (a) Other includes reporting units in Eastern Europe, Latin America, Southeast Asia and other countries.
- (b) Eliminations and Corporate includes the elimination of inter-segment transactions and certain corporate expenses and intercompany investments, which are not included in the Company's operating segments.

For the three months ended September 30, 2022	let Sales to External Customers	 Net Sales to Other Segments		Total Net Sales	Segment Profit		As	of September 30, 2022 Goodwill
U.S. Operations	\$ 373,764	\$ 35,077	\$	408,841	\$	93,823	\$	514,057
Swiss Operations	40,972	207,349		248,321		77,457		21,950
Western European Operations	180,959	49,486		230,445		38,950		86,222
Chinese Operations	229,722	79,285		309,007 123,345		123,345		606
Other (a)	160,429	705		161,134		20,603		13,254
Eliminations and Corporate (b)	 	(371,902)		(371,902)		(47,008)		
Total	\$ 985,846	\$ 	\$	985,846	\$	307,170	\$	636,089

	1	Net Sales to	Net Sales to		
For the nine months ended		External	Other	Total Net	Segment
September 30, 2022		Customers	 Segments	Sales	 Profit
U.S. Operations	\$	1,060,730	\$ 114,965	\$ 1,175,695	\$ 261,805
Swiss Operations		126,304	611,632	737,936	220,791
Western European Operations		564,108	147,087	711,195	112,963
Chinese Operations		642,237	234,847	877,084	313,769
Other (a)		468,645	2,377	471,022	63,298
Eliminations and Corporate (b)		_	(1,110,908)	(1,110,908)	(138,779)
Total	\$	2,862,024	\$ 	\$ 2,862,024	\$ 833,847

- (a) Other includes reporting units in Eastern Europe, Latin America, Southeast Asia and other countries.
- (b) Eliminations and Corporate includes the elimination of inter-segment transactions and certain corporate expenses and intercompany investments, which are not included in the Company's operating segments.

A reconciliation of earnings before taxes to segment profit for the three and nine month periods ended September 30 follows:

		Three Mo	nths I	Ended		Nine Mor	nths Ended	
	2023		2022		2023			2022
Earnings before taxes	\$	251,159	\$	275,885	\$	741,172	\$	745,578
Amortization		18,314		16,728		54,135		49,697
Interest expense		20,278		14,484		57,711		38,587
Restructuring charges		7,385		2,022		19,680		7,803
Other income, net		(1,171)		(1,949)		(2,578)		(7,818)
Segment profit	\$	295,965	\$	307,170	\$	870,120	\$	833,847

(In thousands, except share data, unless otherwise stated)

14. CONTINGENCIES

The Company is party to various legal proceedings, including certain environmental matters, incidental to the normal course of business. Management does not expect that any of such proceedings, either individually or in the aggregate, will have a material adverse effect on the Company's financial condition, results of operations or cash flows.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with the Unaudited Interim Consolidated Financial Statements included herein.

General

Our interim consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America. Operating results for the three and nine months ended September 30, 2023 are not necessarily indicative of the results to be expected for the full year ending December 31, 2023.

Changes in local currency exclude the effect of currency exchange rate fluctuations. Local currency amounts are determined by translating current and previous year consolidated financial information at an index utilizing historical currency exchange rates. We believe local currency information provides a helpful assessment of business performance and a useful measure of results between periods. We do not, nor do we suggest that investors should, consider such non-GAAP financial measures in isolation from, or as a substitute for, financial information prepared in accordance with GAAP. We present non-GAAP financial measures in reporting our financial results to provide investors with an additional analytical tool to evaluate our operating results.

We also include in the discussion below disclosures of immaterial qualitative factors that are not quantified. Although the impact of such factors is not considered material, we believe these disclosures can be useful in evaluating our operating results.

Results of Operations - Consolidated

The following tables set forth certain items from our interim consolidated statements of operations for the three and nine month periods ended September 30, 2023 and 2022 (amounts in thousands).

		Three months ended September 30,						Nine months ended September 30,						
		2023			2022			2023			2022			
	(1	ınaudited)	%	(unaudited)	%		(unaudited)	%	(u	naudited)	%		
Net sales	\$	942,462	100.0	\$	985,846	100.0	\$	2,853,317	100.0	\$	2,862,024	100.0		
Cost of sales		382,923	40.6		401,190	40.7		1,163,669	40.8		1,186,122	41.4		
Gross profit		559,539	59.4		584,656	59.3		1,689,648	59.2		1,675,902	58.6		
Research and development		46,127	4.9		44,129	4.5		138,849	4.9		131,180	4.6		
Selling, general and administrative		217,447	23.1		233,357	23.7		680,679	23.9		710,875	24.8		
Amortization		18,314	1.9		16,728	1.7		54,135	1.9		49,697	1.7		
Interest expense		20,278	2.2		14,484	1.5		57,711	2.0		38,587	1.3		
Restructuring charges		7,385	0.8		2,022	0.2		19,680	0.7		7,803	0.3		
Other charges (income), net		(1,171)	(0.1)		(1,949)	(0.3)		(2,578)	(0.2)		(7,818)	(0.2)		
Earnings before taxes		251,159	26.6		275,885	28.0		741,172	26.0		745,578	26.1		
Provision for taxes		49,528	5.2		55,288	5.6		137,188	4.8		138,910	4.9		
Net earnings	\$	201,631	21.4	\$	220,597	22.4	\$	603,984	21.2	\$	606,668	21.2		

Net sales

Net sales were \$942.5 million and \$985.8 million for the three months ended September 30, 2023, and 2022, respectively, and \$2.9 billion for both the nine months ended September 30, 2023 and 2022. Sales in U.S. dollars decreased 4% for the three month period and were flat for the nine month period ended September 30, 2023. Excluding the effect of currency exchange rate fluctuations, or in local currencies, net sales decreased 5% for the three month period and increased 1% for the nine month period ended September 30, 2023. Our net sales decline during the three

months ended September 30, 2023 reflected reduced demand in most product categories, including a very sharp decline in China and weaker conditions in life sciences, following very strong growth in the past couple years. We continue to benefit from the execution of our global sales and marketing programs, our innovative product portfolio, and investments in our field organization, particularly surrounding digital tools and techniques. However, there is increased uncertainty in the economic environment and our end markets, including the risk of recession in many countries, and market conditions may change quickly. In particular, market demand in China has significantly deteriorated and we expect reduced sales during the remainder of 2023 as compared to the prior year. The ongoing developments related to Ukraine, and inflation, also present several risks to our business as further described in Part I, Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2022. The recent escalation of the Israeli-Palestinian conflict has led to further turmoil in the geopolitical environment, and has increased global economic uncertainty. These developments could adversely impact our financial results and could have a greater impact on our operating results in future periods.

Net sales by geographic destination for the three months ended September 30, 2023 in U.S. dollars increased 12% in Europe, decreased 3% in the Americas, and decreased 17% in Asia/Rest of World. In local currencies, our net sales by geographic destination increased 4% in Europe, decreased 3% in the Americas, and decreased 14% in Asia/Rest of World. Our net sales by geographic destination for the nine months ended September 30, 2023 in U.S. dollars increased 1% in the Americas, 5% in Europe, and decreased 6% in Asia/Rest of World. Net sales by geographic destination for the nine months ended September 30, 2023 in local currencies increased 1% in the Americas and 4% in Europe, and decreased 1% in Asia/Rest of World. Net sales in Asia/Rest of World in local currency includes a decrease of 25% and 6% in China during the three and nine months ended September 30, 2023, respectively. A discussion of sales by operating segment is included below.

As described in Note 18 to our consolidated financial statements for the year ended December 31, 2022, our net sales comprise product sales of precision instruments and related services. Service revenues are primarily derived from repair and other services, including regulatory compliance qualification, calibration, certification, preventative maintenance and spare parts.

Net sales of products decreased 8% in U.S. dollars and local currencies for the three months ended September 30, 2023 and decreased 3% in U.S. dollars and 2% in local currencies for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. Service revenue (including spare parts) increased 9% in U.S. dollars and 6% in local currencies for the three months ended September 30, 2023 and increased 11% in U.S. dollars and local currencies for the nine months ended September 30, 2023, compared to the corresponding periods in 2022.

Net sales of our laboratory-related products and services, which represented approximately 55% of our total net sales, decreased 8% in U.S. dollars and 9% in local currencies for the three months ended September 30, 2023, and decreased 4% in U.S. dollars and 3% in local currencies for the nine months ended September 30, 2023. The local currency decrease in net sales of our laboratory-related products for the three and nine months ended September 30, 2023 reflects a decline in most product categories with a significant sales decline in China and reduced demand in life science markets.

Net sales of our industrial-related products and services, which represented approximately 39% of our total net sales, decreased 5% in U.S. dollars and 6% in local currencies for the three months ended September 30, 2023, and increased 1% in U.S. dollars and 2% in local currencies for the nine months ended September 30, 2023. The local currency decrease in net sales of our industrial-related products for the three months ended September 30, 2023 includes a decline in core-industrial products against particularly strong growth in the previous year, offset in part by modest growth in product inspection.

Net sales in our food retailing products and services, which represented approximately 6% of our total net sales, increased 53% in U.S. dollars and 49% local currencies for the three months ended September 30, 2023, and increased 34% in U.S. dollars and 33% in local currencies for the nine months ended September 30, 2023. The local currency increase in food retailing products for the three and nine months ended September 30, 2023 includes very strong project activity, especially in the Americas.

Gross profit

Gross profit as a percentage of net sales was 59.4% and 59.3% for the three months ended September 30, 2023 and 2022, respectively, and 59.2% and 58.6% for the nine months ended September 30, 2023 and 2022, respectively.

Gross profit as a percentage of net sales for products was 61.2% and 61.1% for the three months ended September 30, 2023 and 2022, respectively, and 60.7% and 60.3% for the nine months ended September 30, 2023 and 2022, respectively.

Gross profit as a percentage of net sales for services (including spare parts) was 53.5% and 52.5% for the three months ended September 30, 2023 and 2022, respectively, and 54.2% and 52.0% for the nine months ended September 30, 2023 and 2022, respectively.

The increase in gross profit as a percentage of net sales for the three and nine months ended September 30, 2023 primarily reflects favorable price realization, offset in part by reduced volume, higher costs, business mix and foreign currency translation.

Research and development and selling, general and administrative expenses

Research and development expenses as a percentage of net sales was 4.9% and 4.5% for the three months ended September 30, 2023 and 2022, respectively, and was 4.9% and 4.6% for the nine months ended September 30, 2023 and 2022, respectively. Research and development expenses increased 5% in U.S. dollars and 1% in local currencies for the three months ended September 30, 2023, and increased 6% in U.S. dollars and 5% in local currencies for the nine months ended September 30, 2023, respectively, compared to the corresponding periods in 2022 and includes increased project activity.

Selling, general and administrative expenses as a percentage of net sales were 23.1% and 23.7% for the three months ended September 30, 2023 and 2022, respectively, and were 23.9% and 24.8% for the nine months ended September 30, 2023 and 2022, respectively. Selling, general and administrative expenses decreased 7% in U.S. dollars and 9% in local currencies for the three months ended September 30, 2023, and decreased 4% in U.S. dollars and local currencies for the nine months ended September 30, 2023. The local currency decrease includes reduced variable compensation and benefits from our cost savings initiatives.

Amortization, interest expense, restructuring charges, other charges (income), net and taxes

Amortization expense was \$18.3 million and \$16.7 million for the three months ended September 30, 2023 and 2022, respectively, and \$54.1 million and \$49.7 million for the nine months ended September 30, 2023 and 2022, respectively.

Interest expense was \$20.3 million and \$14.5 million for the three months ended September 30, 2023 and 2022, respectively, and \$57.7 million and \$38.6 million for the nine months ended September 30, 2023 and 2022, respectively. The increase in interest expense is primarily related to higher variable interest rates.

Restructuring charges were \$7.4 million and \$2.0 million for the three months ended September 30, 2023 and 2022, respectively, and \$19.7 million and \$7.8 million for the nine months ended September 30, 2023 and 2022, respectively. Restructuring expenses are primarily comprised of employee-related costs.

Other charges (income), net includes non-service pension costs (benefits), net (gains) losses from foreign currency transactions and hedging activities, interest income and other items. Non-service pension benefits were \$1.9 million and \$4.2 million for the three months ended September 30, 2023 and 2022, respectively, and \$5.6 million and \$12.7 million and for the nine months ended September 30, 2023 and 2022, respectively.

Our reported tax rate was 19.7% and 20.0% during the three months ended September 30, 2023 and 2022, respectively, and 18.5% and 18.6% during the nine months ended September 30, 2023 and 2022, respectively. The provision for taxes is based upon using our projected annual effective tax rate of 19.0% before non-recurring discrete tax items for the periods ended September 30, 2023 and 2022. The difference between our projected annual effective tax rate and the reported tax rate is related to the timing of excess tax benefits associated with stock option exercises.

Results of Operations – by Operating Segment

The following is a discussion of the financial results of our operating segments. We currently have five reportable segments: U.S. Operations, Swiss Operations, Western European Operations, Chinese Operations and Other. A more detailed description of these segments is outlined in Note 18 to our consolidated financial statements for the year ended December 31, 2022.

U.S. Operations (amounts in thousands)

	Th	ree months en	ded Se	eptember 30,		Nine months ended September 30,						
		2023		2022	%		2023		2022	%		
Total net sales	\$	388,011	\$	408,841	(5)%	\$	1,151,517	\$	1,175,695	(2)%		
Net sales to external customers	\$	353,758	\$	373,764	(5)%	\$	1,050,274	\$	1,060,730	(1)%		
Segment profit	\$	90,604	\$	93,823	(3)%	\$	276,605	\$	261,805	6%		

Total net sales decreased 5% and 2% for the three months and nine months ended September 30, 2023, respectively, compared with the corresponding periods in 2022. Net sales to external customers decreased 5% and 1% for the three and nine months ended September 30, 2023, respectively, compared with the corresponding periods in 2022. Total net sales to external customers for the three and nine months ended September 30, 2023 reflect a decline in laboratory-related and industrial-related products offset in part by very strong project activity in food retailing.

Segment profit decreased \$3.2 million for the three month period and increased \$14.8 million for the nine month period ended September 30, 2023, compared to the corresponding periods in 2022. Segment profit during the three months ended September 30, 2023 was impacted by a decline in net sales, offset in part by benefits from our margin expansion and cost savings initiatives.

Swiss Operations (amounts in thousands)

	Th	ree months en	eptember 30,	N	Nine months ended September 30,					
		2023		2022	% ¹⁾		2023		2022	% ¹⁾
Total net sales	\$	247,200	\$	248,321	<u>_%</u>	\$	723,579	\$	737,936	(2)%
Net sales to external customers	\$	50,233	\$	40,972	23%	\$	143,405	\$	126,304	14%
Segment profit	\$	64,387	\$	77,457	(17)%	\$	207,723	\$	220,791	(6)%

¹⁾ Represents U.S. dollar growth (decline) for net sales and segment profit.

Total net sales were flat in U.S. dollars and decreased 8% in local currency for the three months ended September 30, 2023, and decreased 2% in U.S. dollars and 7% in local currency for the nine months ended September 30, 2023, respectively, compared to the corresponding periods in

2022. Net sales to external customers increased 23% in U.S. dollars and 16% in local currency for the three months ended September 30, 2023 and increased 14% in U.S. dollars and 10% in local currency for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. The increase in local currency net sales to external customers for the three and nine months ended September 30, 2023 includes particularly strong growth in food retailing, as well as industrial-related products, offset in part by a decline in laboratory-related products.

Segment profit decreased \$13.1 million for the three and nine months ended September 30, 2023, compared to the corresponding periods in 2022. Segment profit during the three and nine months ended September 30, 2023 includes lower net sales volume to intercompany segments and unfavorable foreign currency translation, offset in part by cost savings initiatives.

Western European Operations (amounts in thousands)

	Th	ree months end	ded Se	eptember 30,		N	line months ende	d Se	ptember 30,		
		2023		2022	% 1)		2023		2022	% 1)	
Total net sales	\$	246,399	\$	230,445	7%	\$	730,540	\$	711,195	3%	
Net sales to external customers	\$	198,520	\$	180,959	10%	\$	590,019	\$	564,108	5%	
Segment profit	\$	46,345	\$	38,950	19%	\$	129,615	\$	112,963	15%	

¹⁾ Represents U.S. dollar growth (decline) for net sales and segment profit.

Total net sales increased 7% in U.S. dollars and were flat in local currencies for the three months ended September 30, 2023 and increased 3% in U.S. dollars and 2% in local currencies for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. Net sales to external customers increased 10% in U.S. dollars and 2% in local currencies for the three months ended September 30, 2023, and increased 5% in U.S. dollars and 4% in local currencies for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. Local currency net sales to external customers for the three and nine months ended September 30, 2023 includes growth in most product categories, offset in part by a decline in food retailing.

Segment profit increased \$7.4 million and \$16.7 million for the three and nine month periods ended September 30, 2023, respectively, compared to the corresponding periods in 2022. Segment profit increased during the three and nine months ended September 30, 2023 and includes benefits from our margin expansion and cost savings initiatives and favorable foreign currency translation.

Chinese Operations (amounts in thousands)

	Thi	ee months end	ded S	eptember 30,	Ni				
		2023		2022	% 1)		2023	2022	% ¹⁾
Total net sales	\$	232,404	\$	309,007	(25)%	\$	767,572	\$ 877,084	(12)%
Net sales to external customers	\$	162,012	\$	229,722	(29)%	\$	569,449	\$ 642,237	(11)%
Segment profit	\$	83,865	\$	123,345	(32)%	\$	284,828	\$ 313,769	(9)%

¹⁾ Represents U.S. dollar growth for net sales and segment profit.

Total net sales decreased 25% in U.S. dollars and 20% in local currency for the three months ended September 30, 2023 and decreased 12% in U.S. dollars and 7% in local currency for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. Net sales to external customers decreased 29% in U.S. dollars and 25% in local currency by origin for the three months ended September 30, 2023 and decreased 11% in U.S. dollars and 6% in local currency during the nine months ended September 30, 2023, compared to the corresponding periods in 2022. The decrease in local currency net sales to external customers during the three months ended September 30, 2023 reflects a significant decline in market demand, especially in laboratory and core-industrial products following very strong growth in the past couple of years. Market

demand in China has significantly deteriorated and we expect reduced sales during the remainder of 2023 as compared to the prior year. Uncertainties have increased and market conditions may change quickly.

Segment profit decreased \$39.5 million and \$28.9 million for the three and nine month periods ended September 30, 2023, respectively, compared to the corresponding periods in 2022. The decrease in segment profit for the three and nine months ended September 30, 2023 primarily reflects lower sales volume and unfavorable currency translation, offset partially by benefits from our margin expansion and cost savings initiatives.

Other (amounts in thousands)

	Th	Three months ended September 30,					Nine months ended September 30,					
		2023		2022	% 1)		2023		2022	% 1)		
Total net sales	\$	180,616	\$	161,134	12%	\$	517,406	\$	471,022	10%		
Net sales to external customers	\$	177,939	\$	160,429	11%	\$	500,170	\$	468,645	7%		
Segment profit	\$	30,007	\$	20,603	46%	\$	78,690	\$	63,298	24%		

¹⁾ Represents U.S. dollar growth for net sales and segment profit.

Total net sales increased 12% in U.S. dollars and 11% in local currency for the three months ended September 30, 2023 and increased 10% in U.S. dollars and 11% in local currency for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. Net sales to external customers increased 11% in U.S. dollars and 9% in local currencies for the three months ended September 30, 2023 and increased 7% in U.S. dollars and 8% in local currencies for the nine months ended September 30, 2023, compared to the corresponding periods in 2022. The increase in net sales to external customers for the three and nine months ended September 30, 2023 includes solid growth in most product categories.

Segment profit increased \$9.4 million and \$15.4 million for the three and nine months ended September 30, 2023, respectively, compared to the corresponding periods in 2022. The increase in segment profit for the three and nine months ended September 30, 2023 is primarily related to increased sales volume and our margin expansion initiatives. Segment profit for the nine months ended September 30, 2023 was also particularly impacted by unfavorable foreign currency translation.

Liquidity and Capital Resources

Liquidity is our ability to generate sufficient cash flows from operating activities to meet our obligations and commitments. In addition, liquidity includes available borrowings under our Credit Agreement, the ability to obtain appropriate financing and our cash and cash equivalent balances. Currently, our liquidity needs are primarily driven by working capital requirements, capital expenditures, share repurchases and acquisitions. Global market conditions can be uncertain, and our ability to generate cash flow could be reduced by a deterioration in global markets.

We currently believe that cash flows from operating activities, together with liquidity available under our Credit Agreement, local working capital facilities, and cash balances, will be sufficient to fund currently anticipated working capital needs and spending requirements for at least the foreseeable future.

Cash provided by operating activities totaled \$684.4 million during the nine months ended September 30, 2023, compared to \$555.4 million in the corresponding period in 2022. The increase for the nine months ended September 30, 2023 is primarily related to favorable working capital and lower cash incentive payments of \$20 million.

Capital expenditures are made primarily for investments in information systems and technology, machinery, equipment and the purchase and expansion of facilities. Our capital

expenditures totaled \$72.9 million for the nine months ended September 30, 2023 compared to \$89.2 million in the corresponding period in 2022.

In September 2021, we entered into an agreement with the U.S. Department of Defense to increase domestic production capacity of pipette tips and enhance manufacturing automation and logistics. As of September 30, 2023, we have obtained \$32.3 million of the \$35.8 million of total funding to be received through the remainder of 2023, which will offset associated capital expenditures. During the nine months ended September 30, 2023 we incurred approximately \$7.7 million of capital expenditures relating to this funding agreement.

We continue to explore potential acquisitions. In connection with any acquisition, we may incur additional indebtedness. During the nine months ended September 30, 2023, \$10.0 million of contingent consideration was paid relating to the PendoTECH acquisition of which \$5.6 million is included in financing activities for the amount accrued at the acquisition date and \$4.4 million is included in operating activities for the amount not accrued at the acquisition date on the Consolidated Statement of Cash Flows in accordance with U.S. GAAP.

Cash flows used in financing activities are primarily comprised of share repurchases. In accordance with our share repurchase program, we spent \$724.0 million and \$825.0 million on the repurchase of 526,019 shares and 629,380 shares, during the nine months ended September 30, 2023 and 2022, respectively.

The Inflation Reduction Act (IRA) was enacted on August 16, 2022. The IRA includes provisions imposing a 1% excise tax on net share repurchases that occur after December 31, 2022 and introduces a 15% corporate alternative minimum tax (CAMT) on adjusted financial statement income. We expect the financial impact of the IRA to be immaterial to our financial statements.

Senior Notes and Credit Facility Agreement

Our debt consisted of the following at September 30, 2023:

		Other Principal Trading	
	U.S. Dollar	Currencies	Total
3.84% \$125 million ten-year Senior Notes due September 19, 2024	\$ 125,000	\$	\$ 125,000
4.24% \$125 million ten-year Senior Notes due June 25, 2025	125,000	_	125,000
3.91% \$75 million ten-year Senior Notes due June 25, 2029	75,000	_	75,000
5.45% \$150 million ten-year Senior Notes due March 1, 2033	150,000	_	150,000
2.83% \$125 million twelve-year Senior Notes due July 22, 2033	125,000	_	125,000
3.19% \$50 million fifteen-year Senior Notes due January 24, 2035	50,000	_	50,000
2.81% \$150 million fifteen-year Senior Note due March 17, 2037	150,000	_	150,000
2.91% \$150 million fifteen-year Senior Note due September 1, 2037	150,000	_	150,000
1.47% Euro 125 million fifteen-year Senior Notes due June 17, 2030	_	131,704	131,704
1.30% Euro 135 million fifteen-year Senior Notes due November 6, 2034	_	142,241	142,241
1.06% Euro 125 million fifteen-year Senior Notes due March 19, 2036	_	131,704	131,704
Debt issuance costs, net	(2,753)	(1,389)	(4,142)
Total Senior Notes	947,247	404,260	1,351,507
\$1.25 billion Credit Agreement, interest at benchmark plus 87.5 basis points (a)	509,253	190,303	699,556
Other local arrangements	5,803	51,618	57,421
Total debt	1,462,303	646,181	2,108,484
Less: current portion	(127,663)	(51,420)	(179,083)
Total long-term debt	\$ 1,334,640	\$ 594,761	\$ 1,929,401

(a) The benchmark interest rate is determined by the borrowing currency. The benchmark rates by borrowing currency are as follows: SOFR for U.S. dollars (plus a 10 basis points spread adjustment), SARON for Swiss franc, EURIBOR for Euro and SONIA for Great British pounds.

As of September 30, 2023, approximately \$545.2 million of additional borrowings was available under our Credit Agreement, and we maintained \$69.7 million of cash and cash equivalents.

In May 2023 we amended our Credit Agreement to replace all references of LIBOR to SOFR and other non-U.S. dollar references as the interest rate benchmark.

Changes in exchange rates between the currencies in which we generate cash flows and the currencies in which our borrowings are denominated affect our liquidity. In addition, because we borrow in a variety of currencies, our debt balances fluctuate due to changes in exchange rates. Further, we do not have any downgrade triggers relating to ratings from rating agencies that would accelerate the maturity dates of our debt. We were in compliance with our debt covenants as of September 30, 2023.

In December 2022, we entered into an agreement to issue and sell \$150 million 10-year Senior Notes in a private placement. We issued \$150 million with a fixed interest rate of 5.45% (5.45% Senior Notes) in March 2023. The 5.45% Senior Notes are senior unsecured obligations of the Company. The 5.45% Senior Notes mature in March 2033. The terms of the 5.45% Senior Notes are consistent with the previous Senior Notes as described in the Company's Annual Report on Form 10-K. We used the proceeds from the sale of the 5.45% Senior Notes to refinance existing indebtedness and for other general corporate purposes.

In December 2021, we entered into an agreement to issue and sell \$300 million 15-year Senior Notes in a private placement. We issued \$150 million with a fixed interest rate of 2.81% (2.81% Senior Notes) in March 2022, which will mature in March 2037, and an additional \$150 million with a fixed interest rate of 2.91% (2.91% Senior Notes) in September 2022, which will mature in September 2037. We will use the proceeds from the sale of the notes to refinance existing indebtedness and for other general corporate purposes.

Other Local Arrangements

In April 2018, two of our non-U.S. pension plans issued loans totaling \$39.6 million (Swiss franc 38 million) to a wholly owned subsidiary of the Company. The loans have the same terms and conditions which include an interest rate of SARON plus 87.5 basis points. The loans were renewed for one year in April 2023.

Share Repurchase Program

We have \$2.7 billion of remaining availability for our share repurchase program as of September 30, 2023. The share repurchases are expected to be funded from cash generated from operating activities, borrowings, and cash balances. Repurchases will be made through open market transactions, and the amount and timing of purchases will depend on business and market conditions, the stock price, trading restrictions, the level of acquisition activity, and other factors.

We have purchased 31.5 million shares since the inception of the program in 2004 through September 30, 2023. During the nine months ended September 30, 2023 and 2022, we spent \$724.0 million and \$825.0 million on the repurchase of 526,019 and 629,380 shares at an average price per share of \$1,388.54 and \$1,310.79, respectively. We also reissued 70,812 shares and 80,466 shares held in treasury upon the exercise of stock options and vesting of restricted stock units during the nine months ended September 30, 2023 and 2022, respectively.

Effect of Currency on Results of Operations

Our earnings are affected by changes in exchange rates. We are most sensitive to changes in the exchange rates between the Swiss franc, euro, Chinese renminbi, and U.S. dollar. We have more Swiss franc expenses than we do Swiss franc sales because we develop and manufacture products in Switzerland that we sell globally, and have a number of corporate functions located in Switzerland. When the Swiss franc strengthens against our other trading currencies, particularly the U.S. dollar and euro, our earnings decrease. We also have significantly more sales in the euro than we do expenses. When the euro weakens against the U.S. dollar and Swiss franc, our earnings also decrease. We estimate a 1% strengthening of the Swiss franc against the euro would reduce our earnings before tax by approximately \$2.0 million to \$2.3 million annually.

We also conduct business in many geographies throughout the world, including Asia Pacific, the United Kingdom, Eastern Europe, Latin America, and Canada. Fluctuations in these currency exchange rates against the U.S. dollar can also affect our operating results. The most significant of these currency exposures is the Chinese renminbi. The impact on our earnings before tax of the Chinese renminbi weakening 1% against the U.S. dollar is a reduction of approximately \$3.3 million to \$3.6 million annually.

In addition to the effects of exchange rate movements on operating profits, our debt levels can fluctuate due to changes in exchange rates, particularly between the U.S. dollar, the Swiss franc and the euro. Based on our outstanding debt at September 30, 2023, we estimate that a 5% weakening of the U.S. dollar against the currencies in which our debt is denominated would result in an increase of approximately \$34.1 million in the reported U.S. dollar value of our debt.

Forward-Looking Statements Disclaimer

You should not rely on forward-looking statements to predict our actual results. Our actual results or performance may be materially different than reflected in forward-looking statements because of various risks and uncertainties, including statements about expected revenue growth, inflation, ongoing developments related to Ukraine and the Israeli-Palestinian conflict. You can identify forward-looking statements by terminology such as "may," "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," "believe," "estimate," "predict," "potential," or "continue."

We make forward-looking statements about future events or our future financial performance, including earnings and sales growth, earnings per share, strategic plans and contingency plans, growth opportunities or economic downturns, our ability to respond to changes in market conditions, planned research and development efforts and product introductions, adequacy of facilities, access to and the costs of raw materials, shipping and supplier costs, gross margins, customer demand, our competitive position, pricing, capital expenditures, cash flow, tax-related matters, the impact of foreign currencies, compliance with laws, effects of acquisitions, and the impact of inflation, ongoing developments related to Ukraine and the Israeli-Palestinian conflict on our business.

Our forward-looking statements may not be accurate or complete, and we do not intend to update or revise them in light of actual results. New risks also periodically arise. Please consider the risks and factors that could cause our results to differ materially from what is described in our forward-looking statements, including inflation, the ongoing developments related to Ukraine, and the Israeli-Palestinian conflict. See in particular "Factors Affecting Our Future Operating Results" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the year ended December 31, 2022 and other reports filed with the SEC from time to time.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

As of September 30, 2023, there was no material change in the information provided under Item 7A in the Company's Annual Report on Form 10-K for the year ended December 31, 2022.

Item 4. Controls and Procedures

Under the supervision and with the participation of our management, including the Chief Executive Officer and Chief Financial Officer, we have evaluated the effectiveness of our disclosure controls and procedures as required by Exchange Act Rule 13a-15(b) as of the end of the period covered by this report. Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer, have concluded that these disclosure controls and procedures are effective. There were no changes in our internal control over financial reporting during the quarter ended September 30, 2023 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings. None

Item 1A. Risk Factors.

For the three and nine months ended September 30, 2023 there were no material changes from risk factors disclosed in Part I, Item 1A of the Company's Annual Report on Form 10-K for the year ended December 31, 2022.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.

Issuer Purchases of Equity Securities

	(a)	(b)	(c)	(d)
	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Program	Approximate Dollar Value (in thousands) of Shares that may yet be Purchased under the Program
July 1 to July 31, 2023	54,411	\$ 1,336.40	54,411	\$ 2,886,430
August 1 to August 31, 2023	69,656	\$ 1,239.04	69,656	\$ 2,800,976
September 1 to September 30, 2023	57,570	\$ 1,167.40	57,570	\$ 2,734,433
Total	181,637	\$ 1,245.50	181,637	\$ 2,734,433

The Company has \$2.7 billion of remaining availability as of September 30, 2023. We have purchased 31.5 million shares since the inception of the program through September 30, 2023.

During the nine months ended September 30, 2023 and 2022, we spent \$724.0 million and \$825.0 million on the repurchase of 526,019 and 629,380 shares at an average price per share of \$1,388.54 and \$1,310.79, respectively. We also reissued 70,812 shares and 80,466 shares held in treasury upon the exercise of stock options and vesting of restricted stock units during the nine months ended September 30, 2023 and 2022, respectively. In addition, we incurred \$2.2 million and \$6.4 million of excise tax during the three and nine months ended September 30, 2023 related to the Inflation Reduction Act which is reflected as a reduction in shareholders' equity in our consolidated financial statements.

Item 3. Defaults Upon Senior Securities. None

Item 5. Other information. None

Item 6. Exhibits. See Exhibit Index.

EXHIBIT INDEX

Exhibit No.	Description EXHIBIT INDEX
31.1*	<u>Certification of the Chief Executive Officer Pursuant to Section 302 of the Sarbanes — Oxley Act of 2002</u>
<u>31.2*</u>	<u>Certification of the Chief Financial Officer Pursuant to Section 302 of the Sarbanes — Oxley Act of 2002</u>
<u>32*</u>	Certification Pursuant to Section 906 of the Sarbanes — Oxley Act of 2002
101.INS*	XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document
101.SCH*	XBRL Taxonomy Extension Schema Document
101.CAL*	XBRL Taxonomy Extension Calculation Linkbase Document
101.LAB*	XBRL Taxonomy Extension Label Linkbase Document
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase Document
101.DEF*	XBRL Taxonomy Extension Definition Linkbase Document
* Filed herewith	-

^{*} Filed herewith

Date:

November 9, 2023

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Mettler-Toledo International Inc.

By: /s/ Shawn P. Vadala

Shawn P. Vadala Chief Financial Officer

Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, Patrick Kaltenbach, certify that:

- (1) I have reviewed this quarterly report on Form 10-Q of Mettler-Toledo International Inc.;
- (2) Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- (3) Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- (4) The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- (5) The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: November 9, 2023

/s/ Patrick Kaltenbach

Patrick Kaltenbach

Chief Executive Officer

Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, Shawn P. Vadala certify that:

- (1) I have reviewed this quarterly report on Form 10-Q of Mettler-Toledo International Inc.;
- (2) Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- (3) Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- (4) The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- (5) The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: November 9, 2023

/s/ Shawn P. Vadala

Shawn P. Vadala

Chief Financial Officer

Certification Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), each of the undersigned officers of Mettler-Toledo International Inc. (the "Company") does hereby certify, to such officer's knowledge, that:

This quarterly report on Form 10-Q for the period ending September 30, 2023 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and the information contained in this periodic report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: November 9, 2023

/s/ Patrick Kaltenbach

Patrick Kaltenbach Chief Executive Officer

/s/ Shawn P. Vadala

Shawn P. Vadala Chief Financial Officer