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

Form 11-K

(Mark One)

- ☒ ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE FISCAL YEAR ENDED DECEMBER 31, 2023, OR
- ☐ TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE TRANSITION PERIOD FROM _____ TO _____

Commission File Number: **001-13595**

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**METTLER-TOLEDO, LLC
ENHANCED RETIREMENT SAVINGS PLAN
1900 POLARIS PARKWAY
COLUMBUS, OHIO 43240-4035**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**METTLER-TOLEDO INTERNATIONAL INC.
IM LANGACHER
P.O. BOX MT-100
CH8606 GREIFENSEE, SWITZERLAND**

Mettler-Toledo, LLC Enhanced Retirement Savings Plan

Financial Statements and Supplemental Schedule

December 31, 2023 and 2022

with Report of Independent Registered Public Accounting Firm

**METTLER-TOLEDO, LLC
ENHANCED RETIREMENT SAVINGS PLAN
INDEX TO ANNUAL REPORT ON FORM 11-K**

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Pension Committee and Participants of
Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Columbus, Ohio

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits (modified cash basis) of the Mettler-Toledo, LLC Enhanced Retirement Savings Plan (the Plan) as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits (modified cash basis) for the years ended December 31, 2023 and 2022, and the related notes and schedule (collectively referred to as the financial statements). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits (modified cash basis) of the Plan as of December 31, 2023 and 2022, and the changes in net assets available for benefits (modified cash basis) for the years ended December 31, 2023 and 2022, in conformity with the modified cash basis of accounting.

As described in Note 2, the accompanying financial statements and supplemental schedule were prepared on a modified cash basis of accounting, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on the Plan's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and

performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental Information

The supplemental schedule of assets (held at end of year) (modified cash basis) as of December 31, 2023 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management.

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Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ Clark, Schaefer, Hackett & Co.

We have served as the Plan's auditor since December 31, 2003.

Columbus, Ohio

June 28, 2024

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Statements of Net Assets Available for Benefits (Modified Cash Basis)
As of December 31, 2023 and 2022

	2023	2022
Assets		
Investments at fair value	\$ 697,992,605	\$ 598,834,047
Plan transfers receivable	4,952,258	1,676,069
Participant loan receivables	6,467,193	5,745,163
Net assets available for benefits	<u>\$ 709,412,056</u>	<u>\$ 606,255,279</u>

See accompanying notes to the financial statements.

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Statements of Changes in Net Assets Available for Benefits (Modified Cash
Basis)
For the Years Ended December 31, 2023 and 2022

	2023	2022
Additions		
Investment Activity		
Dividends and interest	\$ 8,441,755	\$ 7,856,535
Net appreciation (depreciation) in fair value of investments	85,824,639	(125,046,520)
	94,266,394	(117,189,985)
Participant Loan Receivable Activity		
Interest	360,583	263,476
Contributions		
Employer	14,960,629	16,661,859
Participants' deferrals	26,739,351	25,457,060
Participants' rollovers	4,164,588	5,109,046
	45,864,568	47,227,965
	140,491,545	(69,698,544)
Deductions		
Benefits paid to participants or beneficiaries	42,046,934	30,371,394
Administrative expenses	240,536	226,561
	42,287,470	30,597,955
Net increase (decrease) in net assets	98,204,075	(100,296,499)
Assets transferred in	4,952,702	1,990,572
Net assets available for benefits, beginning of year	606,255,279	704,561,206
Net assets available for benefits, end of year	\$ 709,412,056	\$ 606,255,279

See accompanying notes to the financial statements.

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

1. Description of Plan

The following description of the Mettler-Toledo, LLC Enhanced Retirement Savings Plan (the Plan) provides only general information. Participants should refer to the Summary Plan Description for a more complete description of the Plan's provisions.

General

The Plan is a qualified defined contribution plan covering eligible employees of adopting units (wholly-owned subsidiaries) and a safe harbor 401(k)/401(m) plan under IRC 401(k)(12) and 401(m)(11). It is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended. Employees become eligible to participate in the Plan on the first day of a payroll period following the date the employee meets the eligibility requirements, as defined.

Mettler-Toledo, LLC (a wholly-owned subsidiary of Mettler-Toledo International Inc.) is both the Plan Sponsor and Administrator and is responsible for keeping accurate and complete records with regard to the Plan, informing participants of changes or amendments to the Plan, and ensuring that the Plan conforms to applicable laws and regulations. Vanguard Fiduciary Trust Company (VFTC) is the trustee and maintains the Plan assets.

Contributions

Each year, participants may contribute up to 60% of pretax annual compensation, as defined by the Plan. Participants who reach age 50 may elect to make catch-up contributions. Participants may also contribute rollover contributions representing distributions from other qualified plans. Forfeitures may be used by the Plan Sponsor to reduce future contributions and/or to pay reasonable Plan expenses.

The Plan Sponsor contributes:

Safe Harbor Matching Contributions - 100% of the first 3% of each participant's deferred compensation and 50% of the next 3% of each participant's deferred compensation. All participants who make contributions are eligible for the matching contributions.

Discretionary Contributions - Employees become eligible on their one-year anniversary of employment. Participants must be employed on the last day of the Plan year to receive this discretionary contribution, with the exceptions of death, retirement, disability, or authorized leave.

Participant Accounts

Each participant's account is credited with the contributions made to the Plan on behalf of the participant and adjusted for earnings and losses thereon. Allocations of Plan earnings and losses are based on the investment options selected by the participant and their related account balance and allocated to each participant's account on a daily basis. The benefit to which a participant is entitled is the vested amount that is in such participant's account at any given time.

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

Vesting

Participants are immediately vested in the Plan Sponsor's Safe Harbor Matching Contributions and the Plan Sponsor's Discretionary Contributions.

Investment Options

Upon enrollment in the Plan, a participant can direct employee and employer contributions in 1% increments among the various investment options offered through VFTC, or into a self-directed brokerage option. This is a self-directed program that allows participants to invest their account balances in mutual funds that are outside the current plan options. A participant may elect to transfer amounts between investment options as of any business day. Certain investment options offered within the VFTC may not be directly transferred to the self-directed brokerage option for a period of 90 days.

Company Stock Fund

The Plan invests in an employer stock fund consisting of Mettler-Toledo International Inc. Common Stock (Company Stock). The fund may also hold cash or cash equivalents as necessary to satisfy obligations of the fund.

Payment of Benefits

A participant's vested account may be distributed upon retirement, termination, disability or death. Distributions are made in lump-sum or equal annual installments not to exceed the employee's life expectancy. Upon death, the remaining balance shall be distributed in a lump sum within five years. Forfeitures, if any, are used to reduce the Plan Sponsor's contributions or pay Plan expenses. Participants may make a withdrawal during employment due to hardship as well as other allowable situations defined in the Plan document. Hardship withdrawals must meet the criteria for hardship under Section 401(k) of the Internal Revenue Code (IRC).

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

2. Summary of Significant Accounting Policies

The following are the significant accounting policies followed by the Plan.

Basis of Presentation

The accompanying financial statements of the Plan have been prepared on the modified cash basis of accounting, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America (U.S. GAAP). The difference between the modified cash basis and accounting principles generally accepted in the United States of America is that contributions and interest and dividend income are recognized when received and administrative expenses are recognized when paid.

Investment Valuation and Income Recognition

Under the terms of a trust agreement between the Plan Sponsor and VFTC, the trustee invests trust assets at the direction of the plan participants. The trustee has reported to the Plan Sponsor the trust fund investments and the trust transactions at fair value. Shares of registered investment companies are valued at quoted market prices, which represent the net asset value of shares held by the Plan at year-end. The Plan's interest in the units of a common collective trust are based on information reported by VFTC using audited financial statements of the collective trust at the end of 2023 and 2022. The Company stock fund is valued at its year-end unit closing price (comprised of year-end market price plus uninvested cash position). Realized and unrealized gains and losses are reflected as net appreciation (depreciation) in fair value of investments in the statements of changes in net assets available for benefits.

Purchases and sales of securities are recorded on a trade-date basis. Interest and dividend income is recognized when received. Capital gain distributions are included in dividend income.

Participant Loan Receivables

Participant loan receivables are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recognized when received. The interest rate for the life of the loan is set quarterly at the prime rate plus 1% as of the beginning of the quarter. Loans may not exceed the lesser of 50% of a participant's vested account balance or \$50,000. The repayment period may not exceed five years. Each loan is secured by the remaining balance in the participant's account. A loan is considered delinquent after 60 days of not receiving a payment. The Plan reviews delinquent loans on a quarterly basis. As of December 31, 2023 and 2022, no loans were considered delinquent.

Contributions

Participant and Plan Sponsor contributions are recognized when received by the trustee.

Payment of Benefits

Benefits are recognized when paid.

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

Administrative Expenses

Fees for portfolio management of VFTC funds are paid directly from fund earnings. Administration fees and fees related to the administration of participant loan receivables are charged to the participant's account. Audit fees are either paid by the Plan Sponsor or from the forfeiture account. Should the Plan Sponsor elect not to pay all or part of such expenses, the trustee then pays these expenses from the Plan assets. Expenses are recognized when paid.

Use of Estimates

The preparation of the Plan's financial statements in conformity with a modified cash basis of accounting, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America, requires the Plan Administrator to make certain estimates and assumptions that affect the reported amounts of net assets available for benefits and, when applicable, disclosure of contingent assets and liabilities at the date of the financial statements and the amounts of changes in net assets available for benefits during the reporting period. Actual results could differ significantly from those estimates.

Risk and Uncertainties

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

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

3. Fair Value Measurements

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

Investments consist of various mutual funds, common collective trusts and a Company stock fund. The plan invests in shares of open-ended mutual funds that trade in active markets and produce a daily net asset value, equal to the fair value of the shares at year-end. Units of the common collective trusts are valued at net asset value at the end of the year. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported NAV. Participant transactions (purchases and sales) may occur daily. If the Plan were to initiate a full redemption of the collective trusts, the investment advisor reserves the right to temporarily delay withdrawal from the trusts in order to ensure the securities liquidations will be carried out in an orderly business manner. There are no unfunded commitments related to the common collective trusts and units of the common collective trusts are redeemable at net asset value. Company stock is valued at its year-end unit closing price (comprised of year-end market price plus uninvested cash position).

The following tables present for each of these hierarchy levels, the Plan assets that are measured at fair value on a recurring basis at December 31:

	2023			
	Total	Level 1	Level 2	Level 3
Assets:				
Company stock fund	\$ 23,401,116	\$ 23,401,116	\$ —	\$ —
Mutual funds	262,933,612	262,933,612	—	—
Self-Directed Brokerage accounts	9,133,743	9,133,743	—	—
Total assets in the fair value hierarchy	\$295,468,471	\$295,468,471	\$ —	\$ —
Investments measured at net asset value ^(a)	402,524,134	—	—	—
Investments at fair value	<u>\$697,992,605</u>	<u>\$295,468,471</u>	<u>\$ —</u>	<u>\$ —</u>

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

	2022			
	Total	Level 1	Level 2	Level 3
Assets:				
Company stock fund	\$ 29,691,842	\$ 29,691,842	\$ —	\$ —
Mutual funds	213,315,339	213,315,339	—	—
Self-Directed Brokerage accounts	8,181,745	8,181,745	—	—
Total assets in the fair value hierarchy	\$251,188,926	\$251,188,926	\$ —	\$ —
Investments measured at net asset value ^(a)	347,645,121	—	—	—
Investments at fair value	<u>\$598,834,047</u>	<u>\$251,188,926</u>	<u>\$ —</u>	<u>\$ —</u>

(a) Represents common collective trusts. Investments are measured using the net asset value (NAV) per share practical expedient have not been categorized in the fair value hierarchy. The amounts presented above are intended to permit reconciliation of the fair value hierarchy to the fair value of total plan assets in order to determine the amounts included in the Statement of Net Assets Available for Benefits.

4. Transactions with Parties-in-Interest

The Plan invests in shares of mutual funds and a common collective trust managed by an affiliate of VFTC. VFTC acts as trustee for only those investments as defined by the Plan. Transactions in such investments qualify as party-in-interest transactions which are exempt from the prohibited transaction rules.

Participants may select Company stock as an investment option. The amount of Company stock held at December 31, 2023 and 2022 was \$23,401,116 and \$29,691,842, respectively. The Company stock depreciated \$4,699,282 in 2023 and \$5,628,073 in 2022.

5. Plan Termination

Although it has not expressed any intent to do so, the Plan Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of plan termination, participants will immediately become 100% vested in their accounts.

6. Tax Status

The Plan adopted its current volume submitter plan which has received an opinion letter from the Internal Revenue Service (IRS) dated June 30, 2020,

which indicates the plan was designed and in compliance with the applicable requirements of the IRC. Although The Plan has been amended since receiving the opinion letter, The Plan Administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC, and therefore, believe that the plan is qualified and the related trust is tax-exempt.

7. Withdrawing Participants

As of December 31, 2023 and 2022, there were no vested benefits that were allocated to accounts of terminated participants who had elected to withdraw from the Plan but had not been paid.

Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

8. Asset Transfer In

Assets of \$4,952,258 relating to the plan merger of the Biotix, Inc. 401(k) Plan, which was effective December 31, 2023, were received by the plan in January 2024.

Assets of \$1,096,453 and \$894,119 relating to the plan merger of the D.C. Martin Profit-Sharing Retirement Plan and PendoTECH LLC 401(k) Plan, respectively, which were effective December 30, 2022, were recorded in 2022. Assets of \$1,676,069 relating to these plan mergers were received in January 2023.

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Mettler-Toledo, LLC Enhanced Retirement Savings Plan
EIN:34-1538688; PN:031
Schedule of Assets (Held at End of Year) (Modified Cash Basis)
Form 5500, Schedule H, Line 4(i)
December 31, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of issuer, borrower, lessor, or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost	Fair Value
*	Vanguard	Institutional Index Fund	**	\$ 94,790,956
*	Vanguard	International Value Fund	**	5,997,088
*	Vanguard	Mid-Cap Index Fund	**	21,041,746
*	Vanguard	International Growth Fund Adm.	**	14,307,241
*	Vanguard	U.S. Growth Adm	**	44,045,973
*	Vanguard	Small-Cap Index Fund	**	18,162,770
*	Vanguard	Target Retirement 2020 Trust II	**	30,581,798
*	Vanguard	Target Retirement 2025 Trust II	**	50,679,476
*	Vanguard	Target Retirement 2030 Trust II	**	55,816,086
*	Vanguard	Target Retirement 2035 Trust II	**	50,981,680
*	Vanguard	Target Retirement 2040 Trust II	**	42,706,312
*	Vanguard	Target Retirement 2045 Trust II	**	35,518,980
*	Vanguard	Target Retirement 2050 Trust II	**	24,001,103
*	Vanguard	Target Retirement 2055 Trust II	**	17,267,072
*	Vanguard	Target Retirement 2060 Trust II	**	8,443,082
*	Vanguard	Target Retirement 2065 Trust II	**	2,705,012
*	Vanguard	Target Retirement 2070 Trust II	**	70,241
*	Vanguard	Total Bond Market Index Fund	**	20,322,038
*	Vanguard	Total International Stock Fund	**	9,433,744
*	Vanguard	Treasury MM	**	197,515
*	Vanguard	Windsor II Fund	**	26,052,154
*	Vanguard	Western Asset Core PI IS	**	8,582,387
*	Western Asset	Participant Self-Directed Brokerage Account	**	9,133,743
*	Vanguard	Retirement Savings Trust II	**	16,267,992
*	Vanguard	Retirement Savings Trust III	**	67,485,300
*	Mettler-Toledo International Inc.	Mettler-Toledo Stock Fund - 19,293 shares	**	23,401,116
*	Participant Loan Receivables	Various ranging from 3.25% to 9.5%	-0-	6,467,193
		Total		\$ 704,459,798

* Denotes party-in-interest

** Cost omitted for participant directed investments

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on the Plan's behalf by the undersigned hereunto duly authorized.

Mettler-Toledo, LLC
Enhanced Retirement Savings Plan

Date: June 28, 2024

By: /s/ Jeffrey T. Ward

Jeffrey T. Ward
Treasurer

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**Mettler-Toledo, LLC Enhanced Retirement Savings Plan
Annual Report On Form 11-K For Fiscal Year Ended
December 31, 2023**

INDEX TO EXHIBIT

Exhibit No	Description
1a	CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM