



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: IND400
 $n_{\max}$: 100 000 / 10 000
Accuracy Class: II / III / III L

Submitted By:

Mettler-Toledo, LLC
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Standard Features and Options**Standard Features:**

- Semi-Automatic (push-button) Zero Setting Mechanism (SAZSM)
- Semi-Automatic (push-button) Tare
- Initial Zero Setting Mechanism (IZSM)
- Communication Ports
 - Discrete I/O
 - RS232
 - WiFi
 - RS485
 - Ethernet
- AC Power Supply / DC Power Supply / Battery Supply
- Analog or Digital scale inputs
- Multiple Range or Multi-Interval
- Available Unit of Measure: kg, g, lb, tonne, ton, oz
- Stainless or Aluminum Housing

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Kevin Schnepf
Chair, NCWM, Inc.

Marc Paquette
Chair, NTEP Committee
Issued: October 27, 2025

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**Mettler-Toledo, LLC**

Indicating Element / IND400

Application: General purpose indicating element for use with NTEP certified and compatible weighing/load receiving element.

Identification: The required information appears on a label on the indicator.

Sealing: The physical interface between a scale and the terminal's scale option card is protected by a screw that holds a cover protecting the interface in place. The screw in turn is covered by a paper tamper proof seal on the outside of the terminal housing. The paper tamper proof seal must be destroyed before the screw can be removed, thus providing a physical indication that the scale has been accessed. Additionally, the terminal may be sealed with a lead and wire security seal that threads through the screw's head and is then threaded through a hole in another screw that also holds the terminal's display to the chassis. After the security wire(s) have been placed and tightened, either a plastic or metal sealing head is permanently crimped onto the wires to hold them in place so that the wires prevent the sealing screws from being removed.

Test Conditions: This Certificate supersedes Certificate of Conformance 24-017A1 and is issued to include DC power supply and Battery power supply. A IND400 DC power supply and Battery power supply were submitted for evaluation. The IND400 was interfaced with a load cell simulator to perform several increasing/decreasing tests. Devices were tested within a voltage range of 9.0 to 33.0 VDC (DC model) and 6.5 to 13.2 VDC (Battery model). No other testing was deemed necessary. Previous test conditions listed below for reference.

Certificate Of Conformance Number 24-017A1: The emphasis of this evaluation is to add an optional cast aluminum housing. One model IND400 was submitted for evaluation. The device was subject to multiple increasing/ decreasing tests in addition to susceptibility to temperature within a range of -10 °C to 40 °C (14 °F to 104 °F). No other testing was deemed necessary. Previous test conditions listed below for reference.

Certificate Of Conformance Number 24-017: The emphasis of the evaluation was on device design, marking, operation, performance, and compliance with influence factors. Three Model IND400 indicating elements were submitted for evaluation. The IND400 indicator was interfaced to a model PBK989 weighing/load receiving element (Certificate of Conformance 14-085) to verify compliance with zero, zone of uncertainty, and motion detection requirements. Additionally, the IND400 was interfaced with a load cell simulator to perform several increasing/decreasing tests, warm-up test, and power interruption test. Temperature tests were performed over a range of -10 °C to 40 °C (14 °F to 104 °F).

Evaluated By: B. Stone (OH) 24-017 (CN: 10945); J. Coffey (OH) 24-017A1 (CN:11184), 24-017A2 (CN: 11582)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2025 Edition. *NCWM Publication 14 Weighing Devices*, 2025 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: D. Flocken (NCWM) 24-017, 24-017A1; J. Gibson (NCWM) 24-017A2



Mettler-Toledo, LLC
Indicating Element / IND400

Examples of Device:



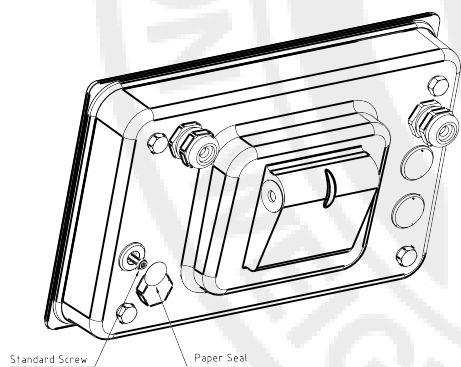
Stainless Steel Housing



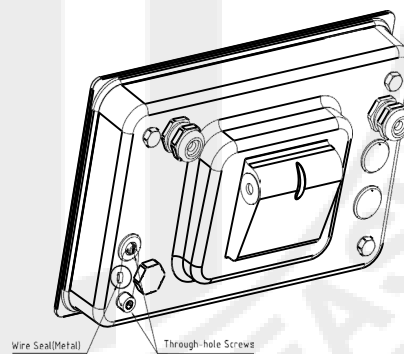
Aluminum Housing

Sealing Method:

Self-Destructive Paper Seal



Physical Wire Seal





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Indicating Element / IND400

