



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: IND700
 $n_{\max}$: 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
 - RS422
 - RS485
 - Ethernet
- AC Power Supply
- 24 VDC Power Supply
- Analog or Digital scale inputs
- Multiple Range or Multi-Interval
- Available Units of Measure: kg, g, lb, (t), ton, oz
- Summing Capability
- Weigh In / Weigh Out (OmniDrive)

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.

Jason Flint
Chair, NCWM, Inc.

Kevin Schnepf
Chair, NTEP Committee
Issued: September 11, 2026

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**Mettler-Toledo, LLC**

Indicating Element / IND700

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 is then covered by an adhesive backed self-destructive seal on the outside of the terminal housing. The self-destructive seal will obliterate and 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 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 22-083A4 and is issued to include Weigh In / Weigh Out capability. The IND700 was interfaced to a load cell simulator to perform several increasing/decreasing tests. Tests were performed according to NTEP Publication 14 requirements for a Weigh-In/Weigh-Out system. No other testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance 22-083A4: This Certificate supersedes Certificate of Conformance 22-083A3 and is issued to include 24 VDC power supply. The IND700 was interfaced to a load cell simulator to perform several increasing/decreasing tests. Temperature tests were performed over a range of -10 °C to 40 °C (14 °F to 104 °F). Device was tested within a voltage range of 20 to 26.4 VDC. No other testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance 22-083A3: This Certificate supersedes Certificate of Conformance 22-083A2 and is issued to include a sealing photo for the 12-inch display. No other testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance 22-083A2: This Certificate supersedes Certificate of Conformance 22-083A1 and is issued to include a larger 12-inch display. The IND700 was interfaced to a load cell simulator to perform several increasing/decreasing tests. Temperature tests were performed over a range of -10 °C to 40 °C (14 °F to 104 °F). No other testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance 22-083A1: This Certificate supersedes Certificate of Conformance 22-083 and is issued to include summing capability. The IND700 indicator was interfaced with two load cell simulators and several increasing/decreasing load tests along with tests with tare and summing verification. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance 22-083: The emphasis of the evaluation was on device design, marking, operation, performance, and compliance with influence factors. Three Model IND700 indicating elements were submitted for evaluation. The IND700 indicator was interfaced to a model PBK989 digital weighing/load receiving element (Certificate of Conformance 14-085) to verify compliance with zero, zone of uncertainty, and motion detection requirements. Additionally, the IND700 was interfaced to a load cell simulator to perform several increasing/decreasing tests, warm-up test, and power interrupt test. Temperature tests were performed over a range of -10 °C to 40 °C (14 °F to 104 °F).

Evaluated By: B. Stone (OH) 22-083 (CN 10466); B. Stone (OH), J. Coffey (OH) 22-083A1 (CN 10940), J. Coffey 22-083A2 (CN 11581); G. Gholston (NCWM) 22-083A3 (CN 11674); J. Coffey (OH) 22-083A4 (CN 11825), 22-083A5 (CN 11882)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2026 Edition. *NCWM Publication 14 Weighing Devices*, 2026 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) 22-083, 22-083A1; J. Gibson (NCWM) 22-083A2, 22-083A3, 22-083A4, 22-083A5



Mettler-Toledo, LLC
Indicating Element / IND700

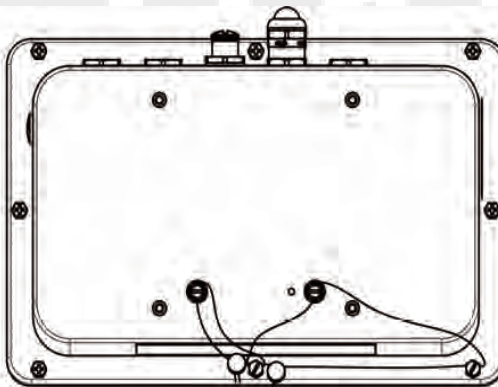
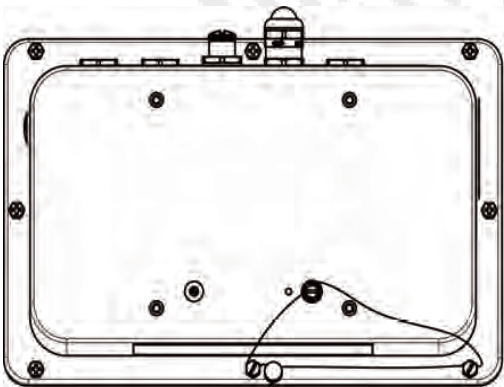
Examples of Device:



Sealing Method:



Self-Destructive Paper Seal



Wire Sealing with one scale

Wire Sealing with two scales