



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: T900A and T900B Series
 $n_{\max}$: 5 000
Accuracy Class: III

Submitted By:

Tufner Weighing Systems
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Standard Features and Options

- Semi-automatic (push-button) Zero
- Automatic Zero Tracking (AZT)
- Keyboard Tare
- Receipt Printer
- AC Power
- Gross/Tare /Net Display
- LED Display (model T900A)
- LCD Display (model T900B)
- Pound/kg Conversion
- RS-232 Communication Port
- Wall Mounting Bracket
- DC voltage (internal, rechargeable battery)

Possible Suffixes include:

- T900A MS: Mild steel enclosure with LED display
- T900A SS; T900A SL: Stainless steel enclosure with LED display
- T900B MS: Mild steel enclosure with LCD display
- T900B SS; T900B SL; T900B EX: Stainless steel enclosure with LCD display

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.

Craig VanBuren
Chairman, NCWM, Inc.

Brett Gurney
Committee Chair, NTEP Committee
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Tufner Weighing Systems
Indicating Element / T900A and T900B

Application: General purpose indicating element for use with a compatible and certified weighing element.

Identification: A tamper resistant adhesive label is located on the top of the indicator.

Sealing: A physical security seal is threaded through two drilled head screws securing the back cover and preventing access to the calibration switch located inside the device. Calibration is initiated by turning the calibration switch on. While in calibration mode the indicator displays "Cal." Press "Print" to save entries.

Test Conditions: This Certificate is issued based upon the following tests and upon information provided by the manufacturer. The emphasis of the evaluation was on device design, operation, performance, and compliance with influence factor requirements. The model T900 was submitted for evaluation and interfaced with a RADWAG weighing element model WPT-10 (Capacity 10 x 0.002 lb, Certificate of Conformance 07-067A1). Increasing/decreasing load tests were performed over a temperature range of -10°C to 40°C (14°F to 104°F) and line voltages of 100 VAC and 130 VAC, 5.67 VDC, 6.0 VDC and 6.60 VDC. Additionally, the indicator was evaluated for RFI, tare, discrimination, center of zero, and print format tests.

Evaluated By: S. Boyd (CA); J. Gibson (OH)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2019 Edition. *NCWM Publication 14 Measuring Devices*, 2019 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)

Example(s) of Device:

