



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Models: FB1150
 $n_{\max}$: 10 000

Accuracy Class: III / III L

Submitted By:

Fairbanks Scales
2176 Portland Street
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Standard Features and Options

- Semi-automatic (push-button) Zero
- Automatic Zero Tracking (AZT)
- Semi-Automatic Tare (push button)
- AC Power
- DC Power
- Gross/Net Display
- LCD Display (6 segment)
- Unit Conversion lb, kg, oz, g, t, T
- RS-232 Communication Port
- Wall Mounting Bracket
- Initial Zero Setting Mechanism (IZSM)
- Stainless Steel 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.

Gene Robertson
Chair, NCWM, Inc.

Mahesh Albuquerque
Chair, NTEP Committee
Issued: May 15, 2024

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Fairbanks Scales
Indicating Element / FB1150

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. Exposure of the word void when peeled.

Sealing: The FB1150 has an access panel in the rear of the enclosure fixed with 4 bolts with holes drilled through for application of a lead and wire seal preventing access to the configuration button.

Test Conditions: This Certificate is issued based upon the following tests. The emphasis of the evaluation was on device design, operation, performance, and compliance with the influence factor requirements. Model FB1150 was submitted for evaluation. Multiple increasing/ decreasing load tests were performed over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Increasing/decreasing load tests were also conducted in voltage ranges of 98 VAC to 253 VAC, and 8 VDC to 13.2 VDC. Additionally, the device was evaluated for RFI interference, discrimination, and printing capabilities.

Evaluated By: J. Coffey (OH) 24-048 (CN 11063)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2024 Edition. *NCWM Publication 14 Weighing Devices*, 2024 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) 24-048

Examples of Device:

SEALING:

MARKING REQUIREMENTS:

