



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: PIZA+
Capacity: 15 lb, 30 lb, 60 lb, 150 lb
 n_{\max} : 3 000
 e_{\min} : 0.005 lb / 0.01 lb / 0.02 lb / 0.05 lb
Accuracy Class: III

Submitted By:

LW Measurements
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Standard Features and Options

- Push Button Tare
- Semi-Automatic Zero Setting Mechanism (SAZSM) (Push Button)
- Automatic Zero Tracking (ATZ)
- Initial Zero Setting Mechanism (IZSM)
- AC / DC External Power Supply
- Dry battery / Rechargeable battery powered
- Liquid Crystal Display
- Kilogram (kg), Pound (lb), Ounce (oz)
- Unit Conversion (Button)
- Bluetooth Communication Between Scale and Indicator
- RS-232 Port

Load Cells Used:

- Xiamen Loadcell Technology Model Lab 20kg-B-B-C3-2.0 (NTEP 13-113A3)
 - Xiamen Loadcell Technology Model Lab 40kg-B-B-C3-2.0 (NTEP 13-113A3)
 - Hope Technologic (Xiamen) Co. Model NA1-48 80kg (NTEP 15-079A1)
- Or any NTEP Certified and Compatible Loadcell.

Platter Size: 320 mm x 310 mm/ 12.6 in x 12.2 in.

Temperature Range: 0 °C to 40 °C (32 °F to 104 °F)

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.

Marc Paquette
Chair, NCWM, Inc.

Gene Robertson
Chair, NTEP Committee
Issued: February 17, 2025

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LW Measurements
Non-Computing Scale / PIZA+

Application: For use in general purpose weighing applications

Identification: The required markings are located on a self-adhesive label affixed to the bottom of the indicator and is a tamper proof label that reads void when peeled.

Sealing: Device is sealed by a Category 1 lead and wire seal. The device has two bolts with holes drilled through on the back of the indicator for applying lead and wire seal preventing separation of the device to access a calibration / configuration jumper located on the main board that must be removed in order to access calibration / configuration.

Test Conditions: The emphasis of the evaluation was on the device design, operation, performance, markings, and compliance with influence factors. Models PIZA+ 15, PIZA+ 60 and PIZA+ 150 were submitted for evaluation. The device was subjected to multiple increasing/decreasing tests, eccentricity, and discrimination testing. Devices were also subjected to testing over a temperature range of 0 °C to 40 °C (32 °F to 104 °F). A load of ½ of capacity was applied to the device over 100 000 times and a repeat of increasing/decreasing, discrimination, and eccentricity tests were performed. The device was tested within a voltage range from 85 VAC to 264 VAC and 5.0 VDC to 8.1 VDC.

Evaluated By: J. Coffey (OH) (CN 11150)

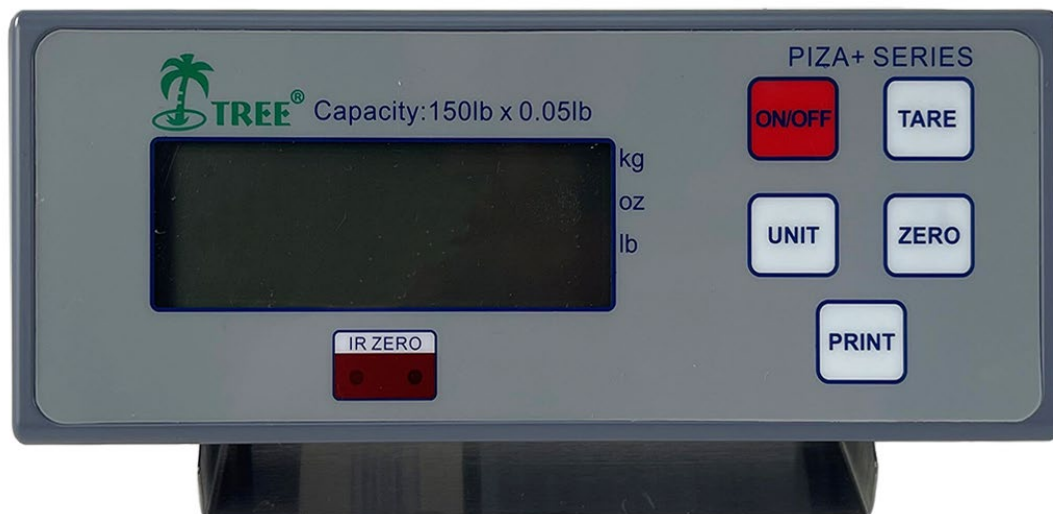
Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2024 Edition. *NCWM Publication 14 Weighing Devices*, 2024 Edition.

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

Information Reviewed By: J. Gibson (NCWM)

Examples of Device:

Front View:





LW Measurements
Non-Computing Scale / PIZA+

Back View & Sealing:



Scale Base:

