



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: BWxUS
 n_{max} : 3 000
 e_{min} : 0.001 lb
Capacity: 3 to 30 lb (1.5 to 15 kg)
Platform: 9" x 7"
Accuracy Class: III

***Submitted By: Contact Info. Updated: December 2010**

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Standard Features and Options

Standard Features:

- Semi-automatic Zero
- Automatic Zero Setting Mechanism
- Initial Zero Setting Mechanism
- Semi-automatic Tare
- Battery Saving Feature (auto shut off)
- Stainless Steel Platter
- Gross/Net Display
- Customer Display
- AC Power
- Battery Power Supply

Load Cell Used:


- AMI p/n 134509 (30lb scale), p/n 134510 (15 lb scale), and p/n 132247 (6 lb scale) (non-NTEP)
- MT1022 p/n 132246 (3 lb scale) (non-NTEP)

| Capacity (lb) | Capacity (kg) | Platform Size |
|---------------|-----------------|---------------|
| 3 x 0.001 lb | 1.5 x 0.0005 kg | 9" x 7" |
| 6 x 0.002 lb | 3 x 0.001 kg | 9" x 7" |
| 15 x 0.005 lb | 6 x 0.002 kg | 9" x 7" |
| 30 x 0.01 lb | 15 x 0.005 kg | 9" x 7" |

Temperature Range: -10 °C to 40 °C (14 °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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.


Tim Tyson
Chairman, NCWM, Inc.


Randy Jennings
Chairman, National Type Evaluation Program Committee
Issued: December 28, 2010

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Ohaus Corporation

Non-Computing Scale / BWxUS

Application: General purpose weighing applications.

Identification: The required information appears on a self-adhesive badge on the side of the device.

Sealing: The scale can be sealed by threading a wire security seal through the holes of two screw heads that holds a cover plate which prevents access to the setup and calibration jumper on the bottom of the scale.

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 the device design, operation, marking and compliance with influence factor requirements. Models submitted for evaluation were "BW1.5US" (3 lb x 0.001 lb) / 1.5 kg x 0.0005 kg and "BW15US" (30 lb x 0.01 lb) / 15 kg x 0.005 kg. Tests to verify compliance with zero, zone of uncertainty, and motion detection requirements were performed. A checklist was completed and several increasing/decreasing and shift tests were performed. The scale was tested over a temperature range of -10° C to 40° C (14°F to 104°F). A load of approximately one-half capacity was applied to the scale over 100 000 times. The scale was tested periodically over this time. Additional tests were conducted using 100 VAC and 130 VAC power supplies. Additionally, tests were conducted using 6 VDC to 10 VDC power supplies.

Evaluated By: W. West (OH), T Buck (OH)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2006. NCWM, Publication 14: Weighing Devices, 2005.

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

Information Reviewed By: J. Truex (NCWM)

Example of Device:

