



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Computing Scale
Models: WBW and WBZ Series
 n_{max} : 3 000
 e_{min} : 0.002 lb / 0.001 kg (see below)
Capacity: 6 to 30 lb / 3 to 15 kg (see below)
Platform: 6.9 in x 8.2 in / 175 mm x 210 mm
Accuracy Class: III

Submitted By:

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Standard Features and Options

The WBZ series is a computing scale with a platter and a customer display.
The WBW series is a non-computing scale with a platter.

Standard Features:

- Semi-automatic (push-button) Zero Setting
- Automatic Zero Setting Mechanism (AZSM)
- Initial Zero Setting Mechanism (IZSM)
- Semi-automatic (push-button) Tare
- Battery Power Supply
- Auto Shut Off
- AC/DC Adapter
- Gross/Net Display
- Customer Display (dual, computing scale)
- Pound / kg Conversion

Load Cell Used:

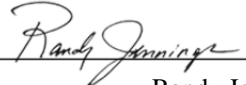
- HBM Model PW6K (NTEP Certificate of Conformance No. 02-094), or NTEP certified equivalent

Model	Capacity	d	Capacity	d	Type
WBW6aM	6 lb	0.002 lb	3 kg	0.001 kg	Non- Computing
WBW15aM	15 lb	0.005 lb	6 kg	0.002 kg	Non- Computing
WBW30aM	30 lb	0.01 lb	15 kg	0.005 kg	Non - Computing
WBZ6aM	6 lb	0.002 lb	3 kg	0.001 kg	Computing
WBZ15aM	15 lb	0.005 lb	6 kg	0.002 kg	Computing
WBZ30aM	30 lb	0.01 lb	15 kg	0.005 kg	Computing

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.


Tim Tyson
Chairman, NCWM, Inc.


Randy Jennings
Chairman, National Type Evaluation Program Committee
Issued: December 14, 2010

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Adam Equipment

Computing Scale / WBW and WBZ Series

Application: The WBW; General purpose weighing, the WBZ; General purpose weighing for direct sale with customer display.

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

Sealing: The scale can be sealed with a wire security seal threaded through a hole in the top and bottom halves of the rear of the enclosure preventing the housing from being separated. In addition the scale has Calibration and Parameters counters that can be view during power up.

Test Conditions: This Certificate supersedes Certificate of Conformance 10-082 and is issued to correct the load cell model used and specified on page 1, which was determined to be traceable to an NTEP certificate. Original test conditions are below.

Certificate of Conformance 10-082: The emphasis of the evaluation was on the device design, operation, marking requirements, compliance with influence factors, performance and permanence requirements. A WBW6 lb non-computing and a WBZ15 kg computing scales were submitted for evaluation. Several increasing/decreasing load and shift tests were performed. The WBZ was evaluated for compliance with computing capability. Tests were conducted using 85 VAC to 264 VAC & 5.5 VDC to 8.5 VDC. The device was tested over a temperature range of -10 °C to 40 °C (14 F to 104 °F).

Evaluated By: E. Matthews, M. Kelley (OH) 10-082

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2010. NCWM, Publication 14: Weighing Devices, 2010.

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) 10-082, 10-082A1

Examples of Device:



Model WBW-Non-Computing Scale



Model WBZ-Computing Scale