



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Model: PW-200 series
 n_{max} : 3000
 e_{min} : 0.002 lb
Capacity: 6 to 60 lb (See below)
Platform: 234 x 180 mm
Accuracy Class: III

Submitted By:

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Standard Features and Options

The PW-200 series is a Non-Computing scale with or without stainless steel a platter.

Model	Capacity	d
PW-200 (6)	6 lb	0.002 lb
PW-200 (15)	15 lb	0.005 lb
PW-200 (30)	30 lb	0.01 lb
PW-200 (60)	60 lb	0.02 lb

- Semi- automatic (push button) zero setting
- Automatic Zero Setting Mechanism (AZSM)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic (push button) Tare
- Semi-Automatic (push button) Tare
- Battery power supply
- Auto Shut Off
- AC/DC Adapter
- Display
- Pound / kg / oz / g

Optional Features:

- Customer Display
- RS-232

Load Cell used: ACOM Model: PWL- 06 & PWL-30 (non-NTEP)

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.



Brett Gurney
Chairman, NCWM, Inc.



James Cassidy
Chairman, National Type Evaluation Program Committee
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ACOM Inc.

Non-Computing Scale / PW-200 Series

Application: The PW-200 series is designed for general purpose weighing use with a dual (customer display) for direct sale as required.

Identification: The required information appears on a label riveted on the side of the scale.

Sealing: The switch enables calibration is located underneath the scale. The switch is covered by a plastic plate. The plate is secured with a wire seal thread through a fixed hole on the plate and a drill head screw near the plate.

Test Conditions: This certificate supersedes Certificate of Conformance Number 18-060 and was issued to clarify the optional features of the device, primarily the dual customer display. No metrological changes have been made to the device so no additional testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance Number 18-060: The emphasis of the evaluation was on the device design, operation, marking requirements, compliance with influence factors, performance and permanence requirements. A PW-200 6 lb and a PW- 200 60 lb non-computing scales were submitted for evaluation. Several increasing/decreasing load and shift tests were performed. Tests were conducted using 102 VAC to 132 VAC & 3.4 VDC to 9.9 VDC. The device 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 scales over 100 000 times with accuracy tests performed after every 25 000 weighments.

Evaluated By: M. Kelley (OH) 18-060

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2018 Edition. *NCWM Publication 14 Weighing Devices*, 2018 Edition.

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) `18-060, 18-060A1

Examples of Device:

PW-200 Series - Non-Computing



Customer Display

