



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: EXxxxx Series
 n_{\max} : see table below
 e_{\min} : see table below
Capacity: see table below
Platform: see table below
Accuracy Class: II

Submitted By:

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Standard Features and Options

- Semi-Automatic Zero Setting Mechanism (Push Button)
- Initial Zero Setting Mechanism (IZSM)
- Automatic Zero Tracking (AZT)
- Semi-Automatic Tare (Push Button)
- Alphanumeric Display
- AC Power
- DC Power
- Sleep Mode
- Auto Shut Off
- Single Range
- RS-232/USB

Model	Capacity	e_{\min}	d	n_{\max}	Platform	Class
EX300H	300 g	0.05 g	0.005 g	6000	118 mm diameter	II
EX600H	600 g	0.1 g	0.01 g	6000	145 mm x 115 mm	II
EX1200H	1200 g	0.2 g	0.02 g	6000	145 mm x 115 mm	II
EX1500H	1500 g	0.2 g	0.02 g	7500	145 mm x 115 mm	II
EX3000H	3000 g	0.5 g	0.05 g	6000	188 mm x 148 mm	II
EX300	300 g	0.05 g	0.05 g	6000	118 mm diameter	II
EX600	600 g	0.1 g	0.1 g	6000	145 mm x 115 mm	II
EX1200	1200 g	0.2 g	0.2 g	6000	145 mm x 115 mm	II
EX1500	1500 g	0.2 g	0.2 g	7500	145 mm x 115 mm	II
EX3000	3000 g	0.5 g	0.5 g	6000	188 mm x 148 mm	II

Load Cell Used: HBM Model SPL and HBM model PW6C (non-NTEP)

Temperature Range: 5 °C to 40 °C (37 °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.

Jerry Buendel
Chairman, NCWM, Inc.

Ronald Hayes
Committee Chair, National Type Evaluation Program Committee
Issued: June 6, 2016

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**Nanjing Toms Weighing Instruments Co., Ltd.**

Non-Computing Scale / EXxxxx Series

Application: For use in general purpose weighing applications.

Identification: A self-destructive sticker with the identification information is located on the side of the unit.

Sealing: A paper security seal is placed over a hole on the underside of the unit which covers the calibration switch.

Note: To verify that the scale is not in calibration mode, hold the calibration button (CAL) for 3 seconds.

Test Conditions: The emphasis of this evaluation was on the design, marking requirements, operation and compliance with influence factor requirements. Three scales were provided for this evaluation: a model EX300H, a model EX3000H and a model EX1500. These devices were tested over a temperature range of 5 °C to 40 °C (37 °F to 104 °F). They also had a load of approximately one half capacity applied over 100,000 times with several increasing / decreasing load tests performed during this time. Several shift and load discrimination tests were conducted during the evaluation. The units under evaluation were tested with supply voltages from 102 to 132 VAC, 4.2 to 6.6 VDC and were also subjected to RFI testing.

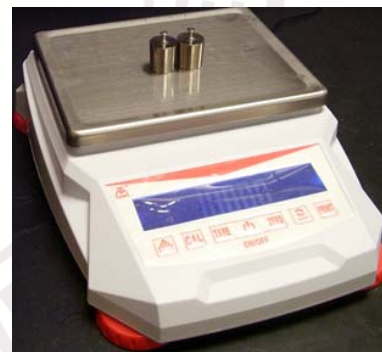
Evaluated By: E. Morabito (NY)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2016 Edition. *NCWM Publication 14 Weighing Devices*, 2016 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)

Examples of Device:

**EX300H****EX1500****EX3000H****Paper security seal covering calibration switch**