NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Non-Computing Scale
Digital Electronic
Model: XM Series
n_{max}: (see below)
Capacities: (see below)
Platform: 8.5 in. x 10 in.
Accuracy Class: III

***Submitted By: Contact Info. Updated October 2019**
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Standard Features and Options

- Semi-automatic (push-button) Zero
- Initial Zero Setting Mechanism (IZSM)
- Automatic Zero Tracking (AZT)
- Semi-automatic Tare (push-button)
- Liquid Crystal Display
- Gross/Net Display
- Units lb/kg/oz Conversion (push-button)
- RS-232 Communication Port
- AC/DC Adapter
- Battery Power Supply
- Battery Saving Feature (auto shut-off)
- Tape Printer Capability

Option:
- Plastic or Stainless Steel Platter

Model	Capacity x Division		n_{max}	Capacity x Division	n_{max}
XM-1500	1500 g x 0.5 g	3 lb x 0.001 lb	3000	48 oz x 0.02 oz	2700
XM-3000	3000 g x 1 g	6 lb x 0.002 lb	3000	96 oz x 0.05 oz	1920
XM-6000	6000 g x 2 g	12 lb x 0.005 lb	3000	192 oz x 0.1 oz	1920
XM-15	15 kg x 0.005 kg	30 lb x 0.01 lb	3000	480 oz x 0.2 oz	2700
XM-30	30 kg x 0.01 kg	60 lb x 0.02 lb	3000	960 oz x 0.5 oz	1920

Temperature Range: -10 ºC to 40 ºC (14 ºF to 104 ºF)

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.

Kurt Floren
Chairman, NCWM, Inc.

Tim Tyson
Chairman, National Type Evaluation Program Committee

Issued: November 4, 2011

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

Intelligent Weighing Technology, Inc.

Non-Computing Scale / XM Series

Application: General purpose weighing.

Identification: Required information is located on a tamper evident adhesive label on the right side of the scale and on the indicating face of the scale.

Sealing: The scale is sealed by threading a lead and wire seal through the hole in a post attached to the bottom of the housing and protruding through the top of the housing under the platter.

Test Conditions: The models XM-1500, XM-15 and XM-30 were submitted for this evaluation. The emphasis of the evaluation was on device design, performance, marking, and compliance with influence factor requirements. Several increasing/decreasing load and shift tests were conducted. The scales were tested for accuracy 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 device over 100 000 times. The device was tested periodically during this time. Additionally, the devices were tested over a voltage range of 100 VAC and 130 VAC and 5.7 to 9.9 VDC power supplies.

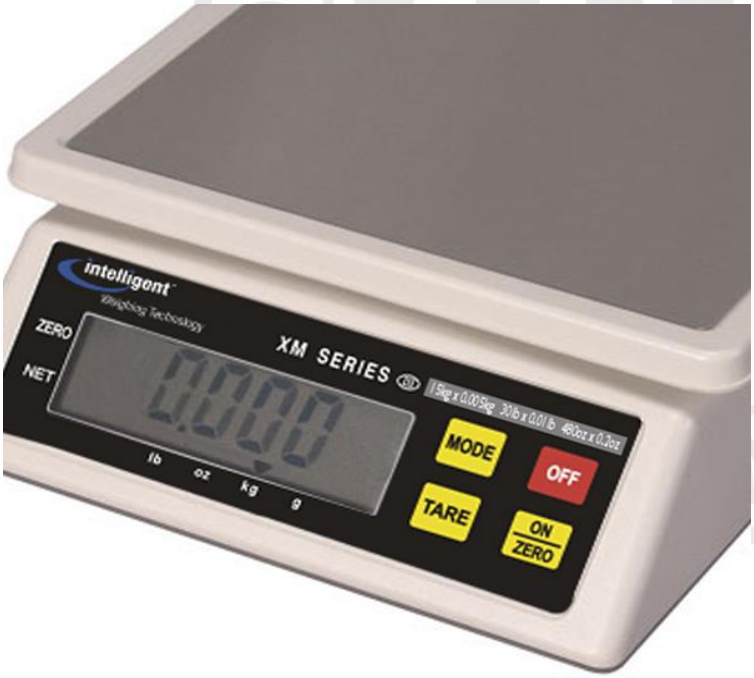
Evaluated By: K. Jones (CA)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2011. NCWM, Publication 14: Weighing Devices, 2011.

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:



Model XM Series