



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Non-Computing Scale  
Electronic Medical  
Model: 160-10-7N, 160-10-7NBT, 160-10-7NBLE  
 $n_{max}$ : 2750 / 2500  
 $e_{min}$ : 0.2 lb / 0.1 kg  
Capacity: 550 lb / 250 kg  
Platform: 14.4 in x 14.4 in x 1.65 in  
Accuracy Class: III

**Submitted By:**

Rice Lake Weighing Systems  
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**Standard Features and Options**

- Semi-Automatic Zero Setting Mechanism / push button (SAZSM)
- Automatic Zero Tracking (AZT)
- AC to DC power supply converter
- Liquid Crystal Display (LCD)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Tare (push button)
- DC power supply (6 AA batteries)
- External unit key (kg, lb)
- RS 232 Serial communication port
- USB communication port
- Bluetooth Wireless (optional)
- Low battery indicator/automatic power-off
- Body Mass Index (BMI) is not legal for trade (not NTEP tested)

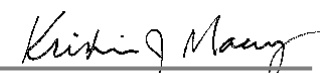
**Load Cell Used:**

Model DEBB-300 (Non-NTEP Certified)

Temperature Range: 5 °C to 35 °C (41 °F to 95 °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.

  
James Cassidy  
Chairman, NCWM, Inc.

  
Kristin Macey  
Committee Chair, National Type Evaluation Program Committee  
Issued: February 6, 2018

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## Rice Lake Weighing Systems

Non-Computing Scale / 160-10-7N, 160-10-7NBT, 160-10-7NBLE

**Application:** Non-Computing digital electronic scale designed for use in the medical field for weight assessment of ambulatory patients.

**Identification:** The markings are located on a pressure sensitive tamper evident label attached to the back of the indicator housing.

**Sealing:** The scale is sealed with a category 1 physical seal. Two tamper evident security seals on the left and right side of the indicator housing, affixing a plastic cover over the calibration access opening.

**Test Conditions:** A Rice Lake Weighing Systems Model 160-10-7BT was submitted for evaluation. The emphasis of the evaluation was on the device design, marking, operation, performance, and compliance with influence factor requirements. For the purpose of the evaluation a 550 lb x 0.2 / 250 kg x 0.1 scale was submitted. Several increasing/decreasing tests, shift tests, and discrimination tests were performed on the scale. Voltage variation tests were conducted at 85 VAC and 264 VAC then at 4.3 VDC and 13.2 VDC. A warm up test, power interruption test, wireless (Bluetooth) test and suitability of level indicator tests were also performed. The scale was tested over a temperature range of 5 °C to 35 °C (41° F to 95 °F). A load of approximately one-half capacity was applied to the scale over 100 000 times. Increase/decrease testing was performed during permanence testing and eccentricity and discrimination testing at the end of permanence testing.

**Evaluated By:** J. Gibson (OH)

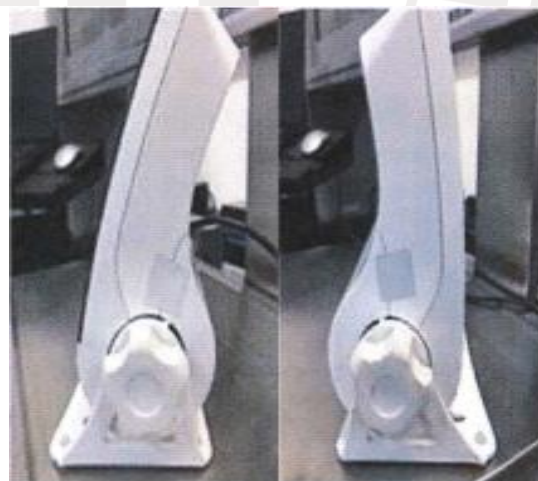
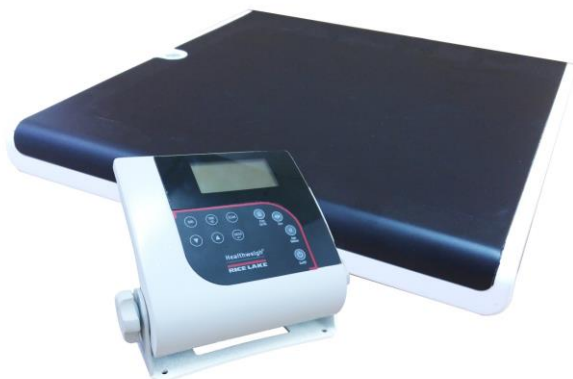
**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2018 Edition. *NCWM Publication 14 Weighing Devices*, 2017 Edition.

**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:**

**Sealing of Device:**



Left Side of indicator

Right Side of indicator