



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: 6745
Capacity: 30 lb / 15kg
 n_{\max} : 6000
 e_{\min} : 0.002/0.005 lb / 0.001/0.002kg
Accuracy Class: III

Cardinal Scale Manufacturing Company

102 East Daugherty Street
Webb City, MO 64870
Tel: 417-673-4631 ext. 212
Contact: Thomas Schuller
Email: tschuller@cardet.com

Standard Features and Options

- Baby Weighing Platter
- Semi-Automatic Zero (Push Button)
- AC / DC External Power Supply
- Gross / Net Display
- Liquid Crystal Display
- Units: Kilogram (kg), Pound (lb)
- WiFi / Bluetooth interface
- RS-232 Communication Port
- External Printer
- Motion Detection
- Category 2 Calibration and Configuration Counter
- Center of Zero Announcer
- Optional Battery Power Source
- Multi-Interval

Load Cells Used:

- Cardinal Scale Mfg. Co. Model TSP-30KGP (NTEP CC 20-066) or any NTEP certified, compatible and metrologically equivalent.

Platter Size: 22.5 inches x 9.1 inches

Temperature Range: 10 °C to 40 °C (50 °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.

Marc Paquette
Chair, NCWM, Inc.

Gene Robertson
Chair, NTEP Committee
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9011 South 83rd Street | Lincoln, Nebraska 68516

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Cardinal Scale Manufacturing Company
Non-Computing Scale / 6745

Application: For use in general purpose weighing applications

Identification: The required markings are located on a label affixed to the back housing of the scale and is a tamper proof label that can not be removed without ripping into small pieces.

Sealing: Device is sealed by a Category 2 calibration and configuration counter. The counter can be accessed by pressing the menu button on the front of the indicator. Once the menu screen appears the calibration and configuration counters are on the first page.

Test Conditions: The emphasis of the evaluation was on the device design, operation, performance, markings, and compliance with influence factors. Model 6745 was submitted for evaluation. The Device was subjected to multiple increasing/decreasing tests, eccentricity, and discrimination testing. Devices were also subjected to testing over a temperature range of 10 °C to 40 °C. (50 °F to 104 °F). A load of ½ of capacity was applied to the device over 100 000 times and a repeat of increasing/decreasing, discrimination, and eccentricity tests were performed. The device was tested within a voltage range from 85 VAC to 264 VAC, 6.5 VDC to 13.2 VDC.

Evaluated By: J. Coffey (OH) 24-079 (CN 10929)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices, 2024 Edition. NCWM Publication 14 Weighing Devices, 2024 Edition.*

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: D. Flocken (NCWM) 24-079

Example of Device:

