



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Non Computing Scale  
Digital Electronic  
Model: GBKxxaM and GFKxxaM Series  
 $n_{max}$ : 7500  
 $e_{min}$ : 0.002 lb (0.001 kg)  
Capacity: 15 lb to 600 lb (6 kg to 300 kg)  
Platform: 12 in x 16 in (305 mm x 405 mm) to 15.5 in x 19.5 in  
(395 mm x 495 mm)  
Accuracy Class: III

**Submitted By:**

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**Standard Features and Options**

- Semi- automatic (push button) Zero (SAZSM)
- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic (push button) Tare
- Battery power supply
- Auto Shut Off
- AC/DC Adapter
- Gross/Net Display
- Liquid Crystal Display (LCD)
- RS-232 Serial Communication Port

**Load cells used:** Model Zemic L6E (NTEP CC11-062), L6G (Non-NTEP), and L6N (NTEP CC11-055).  
Resistive strain gauge mounted as a Single-ended Cantilever.

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.

Stephen Benjamin  
Chairman, NCWM, Inc.

Kurt Floren  
Chairman, National Type Evaluation Program Committee  
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## Adam Equipment

Non Computing Scale / GBKxxaM and GFKxxaM Series

**Application:** For use in general purpose weighing applications.

**Identification:** The required information appears on a self-adhesive label on the side of the scale.

**Sealing:** The scale indicator has Calibration and Parameter counters that can be viewed during power up or by pressing and holding the [5] button for three seconds.

**Test Conditions:** The emphasis of the evaluation was on device design, operation, marking requirements, performance, and compliance with influence factor requirements. Two GBKxxaM and one GFKxxaM non computing scales were submitted for evaluation. Several increasing/decreasing load and shift tests were performed. 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 scale capacity was applied over 100 000 times. The device was tested periodically during this time. Tests were also conducted for the range 100 VAC to 240 VAC and 5.5 VDC to 8.5 VDC.

**Evaluated By:** M. Kelley (OH), J. Morrison (OH), C. Harris (OH)

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2012 Edition. *NCWM Publication 14 Weighing Devices*, 2012 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)

**Example of Device:**



GBKxxaM Series