



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: GL-6000L Series
 n_{max} : 2500 and 3000
 e_{min} : 0.01/0.02 lb to 0.1/0.2 lb (0.005/0.01 kg to 0.05/0.1 kg)
Capacity: 30/60 lb to 250/500 lb (15/30 kg to 100/200 kg)
Platform: 14 in x 18 in
Accuracy Class: III

Submitted By:

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Standard Features and Options

Model	Capacity	e_{min}	n_{max}
GL-6060L	30 / 60 lb 15 / 30 kg	0.01 / 0.02 lb 0.005 / 0.01 kg	3000
GL-6150L	60 / 150 lb 30 / 60 kg	0.02 / 0.05 lb 0.01 / 0.02 kg	3000
GL-6300L	150 / 300 lb 60 / 150 kg	0.05 / 0.1 lb 0.02 / 0.05 kg	3000
GL-6500L	250 / 500 lb 100 / 200 kg	0.1 / 0.2 lb 0.05 / 0.1 kg	2500


- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Zero (Push Button)
- Semi-Automatic Tare (Push Button)
- Multi-Interval
- Unit Selection (lb and kg)
- DC Power (6 V)
- AC to DC Converter
- Auto Shut Off
- Liquid Crystal Display
- RS-232 Connection
- Printer Connection

Load Cells used: G-Tech LB-30; LB-60; LB-150; LB-200 (non-NTEP)

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.


Brett Gurney
Chairman, NCWM, Inc.


James Cassidy
Committee Chair, NTEP Committee
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G-Tech International Co., Ltd.
Non-Computing Scale / GL-6000L Series

Application: For use in general purpose weighing applications

Identification: A sticker with the identification information is attached to the side of the unit.

Sealing: A wire security seal is threaded through 2 screws located on the back of the unit which prevent access to the calibration switch.

Test Conditions: The emphasis of this evaluation was on the design, marking requirements, operation and compliance with influence factor requirements. Two scales were provided for this evaluation: a model GL-6060L multi-interval with a capacity of 30 lb / 60 lb x 0.01 / 0.02 lb and a GL-6500L with a capacity of 250 / 500 lb x 0.1 / 0.2 lb. These devices were tested over a temperature range of -10 °C to 40 °C (14 °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 VAC to 132 VAC, 3.4 VDC 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*, 2019 Edition. *NCWM Publication 14 Measuring Devices*, 2019 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)

Example(s) of Device:



GL-6000L Series



Method of Sealing