



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: MG-T
 $n_{\max}$: 6000
 $e_{\min}$: 0.002 lb / 0.001 kg
Capacity: 12 lb (6kg) – 60 lb (30 kg)
Platform: 13.6 in x 10.4 in
Accuracy Class: III

***Submitted By: Contact Info. Updated December 2025**

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Standard Features and Options

Model	Maximum Capacity	$d=e_{\min}$
MG-T12/MG-T12UDB	12 lb / 6 kg	0.002 lb / 0.001 kg
MG-T30/MG-T30UDB	30 lb / 12 kg	0.005 lb / 0.002 kg
MG-T60/MG-T60UDB	60 lb / 30 kg	0.01 lb / 0.005 kg

- Semi-Automatic (Push Button) Zero Setting Mechanism (SAZSM)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Tare (Push Button)
- RS-232 interface
- External pound / kilogram / ounce
- Optional Bluetooth interface
- External AC/DC transformer (100 VAC to 240 VAC) output 12 VDC (MG-Txx)
- Plastic housing (steel base) with stainless steel pan
- Optional pole display
- USB power delivery and USB-C interface (MG-TxxUDB)

Load cell: T-scale Model: BX6 (Non-NTEP certified)

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.

Gene Robertson
Chairman, NCWM, Inc.

Mahesh Albuquerque
Chair, NTEP Committee
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T-Scale Electronics Mfg Kunshan Co., Ltd.
Non-Computing Scale / MG-T Series

Application: A non-computing scale for general purpose weighing applications.

Identification: A tamper evident adhesive label is attached to the side of the scale housing with markings, the capacity x division statement is located above the weight display.

Sealing: There are two drilled head screws for a wire seal. The calibration switch is located under one of the drilled head screws. The wire seal must be removed before the calibration switch can be accessed. There is an alternative sealing that uses sticker seal with a screw plug underneath it.

Test Conditions: This Certificate of Conformance supersedes 21-066 to add an optional pole display, Bluetooth transmission capabilities, a USB-C port, and USB power delivery. The device was tested to ensure that it was able to transmit raw data to a remote device via Bluetooth. The pole display was checked for marking conformance and agreement with the primary indication. A new sealing method was also evaluated that adds a sticker seal with a screw plug underneath. Previous test conditions are listed below for reference.

Certificate of Conformance Number 21-066: The emphasis of the evaluation was on the device design, operation performance and marking requirements. Three models were submitted for evaluation, an MG-T12, MG-T30 & MG-T60. Multiple increasing/decreasing load, shift, and discrimination tests were performed. The scales were tested at 85 VAC and 264 VAC, and the DL-A was tested at 5 VDC. Functions such as lb/kg unit switching, tare operations were evaluated. The scales were tested at a temperature range of -10°C to 40°C (14°F to 104°F). A load of approximately one-half capacity was applied 100 000 times, increasing and decreasing load tests were performed periodically during and at the conclusion of permanence.

Evaluated By: M. Kelley (OH) 21-066, B. Sipe (OH) 21-066A1 (CN 10755)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2023 Edition. *NCWM Publication 14 Weighing Devices*, 2023 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) 21-066, 21-066A1

Example of Device:



MG-T Series



T-Scale Electronics Mfg Kunshan Co., Ltd.
Non-Computing Scale / MG-T Series



MG-T with pole display Seal drawing

