



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Non-Computing Scale
Digital Electronic
Model: AGS Series
 n_{max} : 6000
Accuracy Class: III

Submitted By:
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Standard Features and Options

- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Zero (Push Button)
- Semi-Automatic Tare (Push Button)
- Multi-interval
- AC Power (120V)
- DC Power (4.5V, 6V)
- Liquid Crystal Display
- RS 232 Communication Port
- USB Communication Port


Model	Capacity	d	n_{max}
AGS-300	150 g / 300 g	0.05 g / 0.1 g	3000 / 3000
AGS-600	300 g / 600 g	0.1 g / 0.2 g	3000 / 3000
AGS-1500	600 g / 1500 g	0.2 g / 0.5 g	3000 / 3000
AGS-3000	3000 g	0.5 g	6000
	6.6 lb	0.002 lb	3300
AGS-6000	6000 g	1 g	6000
	13.2 lb	0.005 lb	2640
AGS-12K	12 kg	0.002 kg	6000
	26.4 lb	0.005 lb	5280
AGS-30K	30 kg	0.005 kg	6000
	66 lb	0.02 lb	3300

Load Cells Used: For AGS -300 to -600 Minbea model BCL (Non-NTEP) and for AGS-6000 to -30K True-Tec PA06 (NTEP CC 16-098)

Temperature Range: 0 °C to 40 °C (32 °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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Intelligent Weighing Technology, Inc.
Non-Computing Scale / AGS Series

Application: Non-computing scale for general purpose weighing applications.

Identification: The required identification markings are located under the platter.

Sealing: A wire security seal is threaded through a post on the bottom of the scale that secure a plate to prevent access to the jumpers.

Test Conditions: The emphasis of the evaluation was on the device design, marking, operation, performance, and compliance with influence factor requirements. Three scales were provided for this evaluation: an AGS-300 with a 150 g / 300 g x 0.5 g / 0.1 g; an AGS-3000 with a 3000 g (6.6 lb) x 0.5 g (0.002 lb) capacity; and an AGS-30K with a 30 kg (66 lb) x 0.005 kg (0.02 lb) capacity. A series of increasing/decreasing load tests, discrimination tests and eccentricity tests were performed. The scales were tested with an AC power supply of 102 VAC and 132 VAC and also with a DC power supply of 2.5 VDC and 5.0 VDC on the AGS-300 and 4.7 VDC and 6.6VDC on the AGS-3000 and AGS-30K . A warm up test, power interruption test, and electromagnetism tests were also performed on each. The scales were tested over a temperature range of 0°C to 40°C (32° F to 104°F). A load of approximately one-half capacity was applied to each scale over 100 000 times. The scales were tested periodically during this time.

Evaluated By: E. Morabito (NY)

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*, 2018 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)

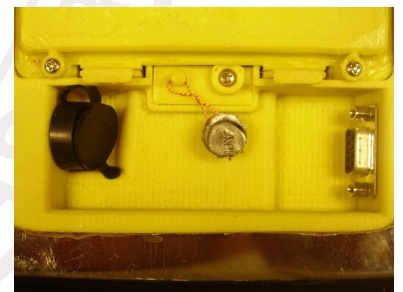
Examples of Device:



AGS-300

AGS-3000

AGS-30K



Method of Sealing