

***National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices***

For:

Non-Computing Scale
Digital Electronic
Model: IGX & IGB
 n_{\max} : 3000
Capacity: 150 lb x 0.05 lb (60 kg x 0.02 kg)
300 lb x 0.1 lb (150 kg x 0.05 kg)

Accuracy Class: III

Submitted by:

Ishida Co. LTD
44 Sanno-cho Shogo in, Sakyo-Ku
Kyoto-city Japan 606-8392
Tel: +81-77-551-0168
Fax: +81-77-551-0368
Contact: Mr. Sean Kajisaki
Email: safa@sf.ishida.co.jp

Standard Features and Options

Semi-automatic (push button) zero setting mechanism
Initial (IZSM) zero setting mechanism
Automatic (AZSM) zero setting mechanism
Semi-automatic (push button) tare
Units (lb, kg)

Battery saving feature (auto-shut off)
Battery power supply
AC/DC adapter (IGB Model Only)
AC Power (IGX Model Only)

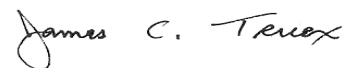
Load cell used: Celtron LOC-ISS-100 kg & 300 kg; (non NTEP)
Zhongyuan Electrical Measuring Instruments L6G2-C3-300 kg/000 & L6G2-C3-100kg/000
(non NTEP)

Temperature range: -5°C to 40°C (23°F to 104°F)

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of 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.



G. Weston Diggs
Chairman, NCWM, Inc.



James C. Truex
Chairman, National Type Evaluation Program Committee

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Note: The National Conference on Weights and Measures does not "approve", "recommend", or "endorse" any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

Ishida Co. LTD
Non-Computing Scale
Model: IGX & IGB

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

Identification: The required information is on an adhesive badge affixed on the back of the scale.

Sealing: The device is sealed on the rear of the display by means of a wire security seal threaded through two flat head screws to prevent the display cover from being opened and to prevent access to the calibration switch.

Test Conditions: The emphasis of the evaluation was on the device design, operation, marking requirements and compliance with influence factor requirements. A 150 lb x 0.05 lb (60 kg x 0.02 kg) and a 300 lb x 0.05 lb (150 kg x 0.05 kg) device were submitted for the evaluation. Several increasing/decreasing load and shift tests were performed on each scale. The scales were tested over a temperature range of -5°C to 40°C (23°F to 104°F). A load of approximately one-half scale capacity was applied to each scale 100 800 times. The scale was tested periodically during this time. Tests were also conducted with a power supply of 100 VAC - 120VAC, and 2.4 VDC- 6VDC

Evaluated By: A. McCoy (OH)

Type Evaluation Criteria Used: NIST Handbook 44, 2004 Edition; NCWM Publication 14, 2004 Edition

Conclusion: The results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

Reviewed By: S. Patoray (NCWM), L. Bernetich (NCWM)