



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Bench Scale, Electronic
Model: AP Series
 n_{max} : 4 000
 e_{min} : (see below)
Capacity: (see below)
Platform: (see below)
Accuracy Class: III

***Submitted By: Contact Info. Updated: October 2010**

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Standard Features and Options

Standard Features:


- Semi-automatic, Automatic and Initial Zero Setting Mechanisms
- Semi-automatic Tare
- Battery Power Supply with Sleep and Automatic Shut-off Modes
- Gross/Net Display
- Pound/kg Conversion

Model	Capacity and Division (d)	Platform Size (in)
AP-4K	4000 g x 1 g	6.75 x 5.25
AP-4KD	4000 g x 1 g	6.75 x 5.25
AP-4KDEX	4000 g x 1 g	6.75 x 5.25
AP-4KEX	4000 g x 1 g	6.75 x 5.25
AP-6	99.95 oz x 0.05 oz	6.75 x 5.25
AP-6EX	99.95 oz x 0.05 oz	6.75 x 5.25
AP-6PH	99.9 oz x 0.1 oz	6.75 x 5.25
AP-8	8.000 lb x 0.002 lb	6 x 9
AP-10	9.995 lb x 0.005 lb	6.75 x 5.25
AP-10CG	9.99 lb x 0.01 lb	6.75 x 5.25
AP-10K	9995 g x 5 g	6.75 x 5.25
AP-10KEX	9995 g x 5 g	6.75 x 5.25

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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.


Tim Tyson
Chairman, NCWM, Inc.


Randy Jennings
Chairman, National Type Evaluation Program Committee
Issued: October 27, 2010

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Cardinal Scale Manufacturing Co.

Non-Computing Scale / AP Series

Application: General purpose weighing.

Identification: The identification badge is on the side of the scale.

Sealing: The device can be sealed with a physical seal.

Test Conditions: This certificate supersedes Certificate of Conformance (CC) No. 95-087 and is issued without additional testing to correct the omission of the Model AP-8 and the declaration of platform sizes. The test conditions for the previous certificate are listed below for reference.

Certificate of Conformance Number 95-087: The emphasis of this evaluation was on device design, performance, and compliance with influence factors. The Models AP-10K, AP-4K, and AP-8 were tested. These devices were tested over a temperature range of -10 °C to 40 °C. In addition, a permanence test was conducted on the AP-8 during which the device was tested periodically. The device was also tested over a voltage range of 100 VAC to 130 VAC.

Evaluated By: Milton G. Smith (Canada, LMB)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 1996. NCWM, Publication 14: Weighing Devices, 1996.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: C. V. Cotsoradis (NIST) (95-087); L. T. Sebring (NIST) (95-087A1)