

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

**For:**

Bench Scale/Postal Weight Classifier  
Load Cell, Electronic  
Model: AS-350D  
 $n_{\max}$ : 7500  
Capacity: 150 lb x 0.2 lb  
Platform: 12" (305 mm) x 14" (356 mm)

Accuracy Class: III

**Submitted by:**

Cardinal Scale Manufacturing Co.  
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**Standard Features and Options**

Bench Scale - pound units

Capacity: 150 lb x 0.2 lb

Postal weight classifier (automatic multi-interval) - pound/ounce units

Capacity: 0 - 5 lb x 0.1 oz  
5 - 100 lb x 0.5 oz  
100 - 150 lb x 1 oz

Automatic multi-interval for postal weight classifier  
Semi-automatic zero setting mechanism  
Maximum re-zero (bench scale): 150 lb  
Maximum re-zero (postal weight classifier): 9 lb, 15.5 ounces  
RS-232 communication port  
Load cell: Cardinal Model Number SP200LM

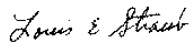
**Option:**

Auxiliary display

Temperature Range: -10 °C to 40 °C (14 °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.

Effective Date: December 6, 1995



Louis E. Straub  
Chairman, NCWM, Inc.



G. Weston Diggs  
Chairman, National Type Evaluation Program Committee

Issue date: August 8, 1996

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.

This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

**Cardinal Scale Manufacturing Co.  
Bench Scale/Postal Weight Classifier  
Model: AS-350D**

**Application:** This scale may be configured as a bench scale or a weight classifier. The bench scale is suitable for general purpose weighing. The postal weight classifier is suitable for postal and shipping use, and must be marked "weight classifier for postal use" or similar statement. This scale may be interfaced with a postal and shipping invoicing system through the RS-232 port.

**Identification:** An identification label is on the right side of the device.

**Sealing:** The scale can be sealed using a wire security seal threaded through the heads of two screws located underneath the scale near the fuse compartment. The scale may be rested on its side to view or apply the security seal. The security seal prevents access to a circuit board jumper.

**Test Conditions:** The emphasis of this evaluation was on device design, performance, and compliance with influence factors. The device was tested over a temperature range of -10 °C to 40 °C. A load of approximately one-half scale capacity was applied to the scale 100 000 times. Tests were conducted over a supply voltage range of 100 to 130 VAC. The results of this evaluation indicate that the device complies with all applicable requirements of NIST Handbook 44.

**Type Evaluation Criteria Used:** NIST Handbook 44, 1995 Edition

**Tested By:** Bill Fishman (NY) and Ed Szesnat (NY)