

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

**For:**

Computing Scale  
Digital Electronic  
Model: PC-100  
 $n_{\max}$ : 4500  
Capacity: 60 lb (0-30 lb x 0.01 lb/30-60 lb x 0.02 lb)  
Platform: 13.8" x 10.6"

Accuracy Class: III

**Submitted by:**

ACOM, Inc.  
Thonghoon Bldg, #479, Uijongbu 2-Dong  
Uijongbu-SI  
Kyungki-Do, Korea 480-012  
Tel: 82-351-871-0193  
Fax: 82-351-871-0194  
Contact: Sam H. Baek

**Standard Features and Options**

Semi-automatic zero (push-button)  
Automatic zero setting mechanism (AZSM)  
Semi-automatic (push-button) tare  
Proportional tare (%)  
Customer display  
AC power supply  
Numeric keypad  
Physical seal

Percent tare annunciator  
Initial zero setting mechanism (IZSM)  
Programmable (PLU) tare  
Gross/net display  
Unidirectional RS-232 communication port  
Vacuum fluorescent display (VFD)  
Memory recall

**Options:** Tower display  
PLU keyboard only with tower display  
LED display

Load cell: Acom, Inc. Model CBS-30 (non-NTEP)

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: April 9, 2001

Louis E. Straub  
Chairman, NCWM, Inc.

G. Weston Diggs  
Chairman, National Type Evaluation Program Committee  
Issue date: April 10, 2001

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.

**ACOM, Inc.**  
**Computing Scale**  
**Model: PC-100**

**Application:** General purpose computing scale for direct sale.

**Identification:** The identification plate is riveted to the side of the scale.

**Sealing:** The calibration switch is located under a metal plate, beneath the scale platter. Access to the switch can be sealed by threading a wire security seal through a drilled head screw and a metal tab.

**Test Conditions:** The emphasis of the examination was on the device design and operation. The Model PC-100 was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half scale capacity was placed on the scale 100 000 times. Increasing/decreasing load and shift tests were conducted periodically during this time. Additionally, the scale was tested over a voltage range of 100 VAC to 130 VAC.

The results of the evaluation indicate the device complies with applicable requirements of NIST Handbook 44.

**Type Evaluation Criteria Used:** NIST Handbook 44, 2001 Edition

**Tested By:** D. Parks (CA)