

***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 America, Inc.  
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**Standard Features and Options**

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

Percent tare annunciator  
Initial zero setting mechanism (IZSM)  
Programmable (PLU) tare  
Gross/net display  
AC power supply  
Memory recall  
Vacuum fluorescent display (VFD)

**Options:** Tower display  
PLU keyboard only with tower display  
LED display  
RS-232 serial interface

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: January 9, 2002

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Ronald D. Murdock  
Chairman, NCWM, Inc.

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Louis E. Straub  
Chairman, National Type Evaluation Program Committee  
Issue date: January 16, 2002

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 America, 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:** This Certificate supersedes Certificate Number 00-111 and is issued to change contact information, clarify display type and correct information regarding the RS-232 port. Functional testing was conducted on the RS-232 port. Previous test conditions are listed below for reference.

**Certificate of Conformance Number 00-111:** 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 evaluations and information provided by the manufacturer indicate the device comply with the applicable requirements specified in Handbook 44.

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

**Tested By:** D. Parks (CA) 00-111, 00-111A1

**Information Reviewed By:** S. Patoray (NCWM) 00-111A1