

***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:

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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
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)