

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5260(a)-02
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California Type Evaluation Program
Certificate of Approval
for Weighing 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
Physical seal

Percent tare annunciator
Initial zero setting mechanism (IZSM)
Programmable (PLU) tare
Gross/net display
Memory recall
Numeric keypad
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

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations 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 14, 2002

Mike Cleary, Director

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 of Approval Number 5260-01 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 Approval Number 5260-01: 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 and information provided by the manufacturer indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2002 Edition

Tested By: D. Parks (CA)

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