

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

**For:**

Computing Scale  
Digital Electronic  
Model: LS-100  
 $n_{\max} : 3000$        $e_{\min} : 0.01 \text{ lb}$   
Capacity: 0-30 lb x 0.01 lb / 30-60 lb x 0.02 lb  
Platform: 16.5" x 10"  
  
Accuracy Class: III

**Submitted by:**

Acom America, Inc.  
404 Paulding Ave.  
Northvale, NJ 07647  
Tel: (201) 750-9900  
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Contact: Antonio Garcia  
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**Standard Features and Options**

Automatic zero setting mechanism (AZSM)  
Semi-automatic (push-button) zero  
Initial zero setting mechanism (IZSM) (on/off switch)  
Keyboard tare  
Programmable tare (programmable in PLU)  
Semi-automatic (push-button) tare  
Multi interval  
Prepackage mode  
Price look-up capability  
Integrated printer  
Variable print format  
Alphanumeric Customer display

Load cell: Acom America, 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 12, 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: LS-100**

**Application:** For use in direct sale applications and in the labeling of prepackaged commodities.

**Identification:** The identification badge is riveted to the left side of the scale housing near the on/off switch.

**Sealing:** The calibration switch is located under a metal cover beneath the scale platter. Access to the calibration switch is prevented by threading a wire security seal through a drilled head screw and through a loop that protrudes through the calibration switch cover.

**Test Conditions:** The emphasis of this evaluation was on device design, marking, operation, and compliance with influence factors. The model LS-100 (software version 1.00.30) was tested for accuracy over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half scale capacity was applied to the device 100,000 times. Increasing/decreasing load and shift tests were conducted periodically during this time. The device was tested over a voltage range of 85 VAC to 240 VAC. The device was tested with the maximum IZSM load of 5.95 lb.

**Type Evaluation Criteria Used:** NIST Handbook 44, 2002 Edition

**Tested By:** A.P. Buie, J.T. Price (MD)

**Information Reviewed By:** S. Patoray (NCWM), L. Bernetich (NCWM)