



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Computing Scale

Model: W-LABEL20, W-LABEL20P and  
W-LABEL40L, W-LABEL40LP $n_{\max}$ : 4000 $e_{\min}$ : 0.005 kg / 0.01 lb

Capacity: 20 kg / 40 lb

Platform: 38 cm X 29.7 cm

Accuracy Class: III

**Submitted By:**Fabricantes de Equipos para Refrigeración S.A. de C.V  
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Email: [carloshernandez.flores@alpuntofs.com](mailto:carloshernandez.flores@alpuntofs.com)Web site: <http://www.torrey.net>**Standard Features and Options**

- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Zero (Push Button)
- Semi-Automatic Tare (Push Button)
- AC Power Supply
- Liquid Crystal Display (LCD)
- Customer Display (Dual)
- Stainless Steel Scale Casing
- Plastic Scale Casing
- Label Printer
- RS-232 Communication Port
- Ethernet/Wireless Communication

Model	Capacity	d	$n_{\max}$
W-LABEL20	20 kg	0.005 kg	4000
W-LABEL20P	20 kg	0.005 kg	4000
W-LABEL40L	40 lb	0.01 lb	4000
W-LABEL40LP	40 lb	0.01 lb	4000

**Load Cells Used:** Medidata Model M022-20kg (non-NTEP)**Temperature Range:** -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST 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.

Ivan Hankins  
Chairman, NCWM, Inc.Hal Prince  
Committee Chair, NTEP Committee  
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**Fabricantes de Equipos para Refrigeración S.A. de C.V**  
Computing Scale / W-LABEL20, W-LABEL20P, W-LABEL40L and W-LABEL40LP

**Application:** For use in general purpose weighing applications.

**Identification:** The required information is on a label affixed to the scale base beneath the platter.

**Sealing:** On the side of the unit there is a calibration switch cover that is held in place by two screws. A wire seal is threaded through the two screws to prevent removal of the cover. Additionally, there is an audit trail that has calibration and configuration counters.

To access the audit trail:

With the scale in Zero condition, press the “TARE”  button, then the “PROG”  button, next you will be asked to enter a password, (“SHOWCOUNTERS”) and press “ENTER” . The calibration counter is displayed. Press “ENTER”  a second time to view the configuration counter. To exit the audit trail, press “ENTER”  again.

**Test Conditions:** This certificate supersedes Certificate of Conformance Number 16-107A1 and was issued to include a plastic scale casing to the models. For this evaluation, a model W-LABEL40LP with a 40 lb x 0.01 lb capacity was submitted. Several increasing/decreasing load tests and shift tests were performed. The device was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F).

**Certificate of Conformance 16-107A1:** This certificate supersedes Certificate of Conformance Number 16-107 and was issued to recognize a sale of the company to Fabricantes de Equipos para Refrigeracion S.A. de C.V., recognized in the Submitted By: box on page one. Information provided by the manufacturer was reviewed. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

**Certificate of Conformance 16-107:** For the purposes of this evaluation, a model W-LABEL20 with a 20 x 0.005 kg capacity was submitted. The emphasis of the evaluation was on the design, marking, operation and compliance with influence factor requirements. Several increasing/decreasing load tests and shift tests were performed on each device. The devices were tested with an AC power supply from 102 VAC to 132 VAC. The devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half capacity was applied to the units over 100 000 times (each) and the scales were tested periodically during this time.

**Evaluated By:** E. Morabito (NY) 16-107, 16-107A2

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2016 Edition. *NCWM Publication 14 Weighing Devices*, 2016 Edition.

**Conclusion:** The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

**Information Reviewed By:** J. Truex (NCWM) 16-107, 16-107A1; D. Flocken (NCWM) 16-107A2



**Fabricantes de Equipos para Refrigeración S.A. de C.V**  
Computing Scale / W-LABEL20, W-LABEL20P, W-LABEL40L and W-LABEL40LP

**Examples of Device:**



W-LABEL20



W-LABEL40LP



Cover open allowing access to calibration switch



Wire seal preventing access to calibration switch