

#### NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance for Weighing and Measuring Devices

For:

Computing Scale

Electronic, Bench Scale

Model: 334PCS and 334PCSL Series

n<sub>max</sub>: 4000

e<sub>min</sub>: 0.0005kg (0.001 lb) (0.02 oz) Capacity: (see table page 2) Platform: (see table page 2) Accuracy Class: III \*Submitted By: Contact Info. Updated October 2021

Clark Associates Inc. DBA AvaWeigh

2205 Old Philadelphia Pike Lancaster, PA 17602 Tel: 717-392-7974 x 624 Contact: Brian McBrearty Email: bmcbrearty@clarkinc.biz

Web site: www.clarkinc.biz

#### **Standard Features and Options**

- Multi-Interval
- Keyboard Tare
- Semi-Automatic (Push Button) Tare
- AC to DC Adapter
- Battery Power Supply
- Battery saving feature (auto shut-off)
- Programmable Tare with PLUs
- Unit Conversion (external)
- Serial and USB outputs
- Automatic Zero Tracking (AZT)
- Semi-Automatic Zero Setting Mechanism (SAZSM)
- Initial Zero Setting Mechanism (IZSM)
- Price per lb, kg or oz
- Alphanumeric display
- Label Printer optional, time & Date optional

Load Cells Used: ZEMIC Model L6D (CC 11-012), or other NTEP certified and compatible load cells

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

Mayingue

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.

Mahesh Albuquerque Chairman, NCWM, Inc. Ivan Hankins Chair, NTEP Committee Issued: October 17, 2022

### 1135 M Street, Suite 110 / Lincoln, Nebraska 68508





## Clark Associates Inc. DBA AvaWeigh Computing Scale / 334PCS and 334PCSL Series

**Application:** General purpose retail computing scale.

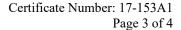
Model:	334PCSL15	334PCSL30	334PCSL40	334PCSL60	334PCSL100
	334PCSL15T	334PCSL30T	334PCSL40T	334PCSL60T	334PCSL100T
Capacity:	6 kg, 15 lb, 240 oz	15 kg, 30 lb, 480 oz	20 kg, 40 lb, 640 oz	30 kg, 60 lb, 960 oz	50kg,100lb,1600oz
Division:	0-3kg: 0.001 kg 3-6kg: 0.002 kg 0-6lb: 0.002 lb 6-15lb: 0.005 lb 0-96 oz: 0.05 oz 96-240 oz:0.1 oz	0-6 kg: 0.002 kg 6-15 kg: 0.005 kg 0-15 lb: 0.005 lb 15-30 lb: 0.01 lb 0-240 oz: 0.1 oz 240-480 oz: 0.2 oz	0-10 kg: 0.005 kg 10-20-kg: 0.01 kg 0-20 lb: 0.01 lb 20-40 lb: 0.02 lb 0-320 oz: 0.2 oz 320-640 oz: 0.5 oz 0-20kg: 0.005kg	0-15 kg: 0.005 kg 15-30 kg: 0.01 kg 0-30 lb: 0.01 lb 30-60 lb: 0.02 lb 0-480 oz: 0.2 oz 480-960 oz: 0.5 oz	0-25 kg: 0.01 kg 25-50 kg: 0.02 kg 0-50 lb: 0.02 lb 50-100 lb: 0.05 lb 0-800 oz: 0.5 oz 800-1600oz: 1 oz
			0-40lb: 0.01lb		
			0-640oz: 0.2oz		
Model:	334PCS06	334PCS15	334PCS30	334PCS40	334PCS60
1,10461.	334PCS06T	334PCS15T	334PCS30T	334PCS40T	334PCS60T
Capacity:	334PCS061 3 kg,6 lb, 96 oz	334PCS15T 6 kg,15 lb,240 oz	334PCS30T 15 kg,30 lb, 480 oz	334PCS40T 20kg,40lb,640oz	334PCS60T 30kg,60lb,960oz

<u>Identification</u>: The required information appears on a self-destructive label located under the plater. The capacity by division statement is on the display near the weight indication.

<u>Sealing</u>: The scale can be sealed with a lead and wire seal threaded through two drill head screws on the calibration cover plate on the underside of the 334PCS series scales and under the platter of the 334PCLS series scales.

<u>Test Conditions</u>: This Certificate supersedes Certificate of Conformance Number 17-153 and was issued to indicate a company name change from AVAWEIGH to Clark Associates Inc. DBA AvaWeigh. No additional testing was required. Previous test conditions are listed below for reference.

<u>Certificate of Conformance Number 17-153:</u> This certificate is issued based upon the following tests and upon information provided by the manufacturer. For the purpose of this evaluation, four scales, multi-interval, computing scales were submitted for evaluation. The emphasis of the evaluation was on the device design, operation, performance, marking requirements and compliance with influence factor requirements. Increasing/decreasing, discrimination repeatability, warm up, power interrupt, and level indicator tests were performed. The device was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately







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½ capacity was applied over 100 000 times and tested periodically during this time, then the eccentricity and discrimination tests were repeated. Voltage tests were conducted using 85 VAC and 264VAC and 5.55 VDC and 6.6 VDC.

**Evaluated By:** M. Kelley (OH)

<u>Type Evaluation Criteria Used</u>: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2017 Edition. *NCWM Publication 14 Weighing Devices*, 2017 Edition.

<u>Conclusion</u>: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: J. Truex (NCWM) 17-153; D. Flocken (NCWM) 17-153A1

#### **Examples of Device:**

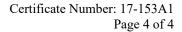
#### **Compact versions**

#### **334PCS Series**



#### 334PCSL Series







# Clark Associates Inc. DBA AvaWeigh Computing Scale / 334PCS and 334PCSL Series

**Tower versions** 

**334PCS Series** 

334PCSL Series

