NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Computing Scale
Electronic, Bench Scale
Model: US-PC Series
n_{max}: 4000
e_{min}: 0.0005 kg (0.001 lb) (0.02 oz)
Capacity: (see table page 2)
Platform: (see table page 2)
Accuracy Class: III

Submitted By:
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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)

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.

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USA Measurements
Computing Scale / US-PC Series

Model:	**US-PC-15** **US-PC-PFP-15**	**US-PC-30** **US-PC-PFP-30**	**US-PC-40** **US-PC-PFP-40**	**US-PC-60** **US-PC-PFP-60**	**US-PC-100** **US-PC-PFP-100**
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:	0-3 kg: 0.001 kg 3-6 kg: 0.002 kg 0-6 lb: 0.002 lb 6-15 lb: 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 0-20 kg: 0.005 kg 0-40 lb: 0.01 lb 0-640 oz: 0.2 oz	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
Model:	**US-PC-PH-6** **US-PC-PL-6** **US-PC-PM-6** **US-PC-PMP-6** **US-PC-PO-6** **US-PC-POP-6**	**US-PC-PH-15** **US-PC-PL-15** **US-PC-PM-15** **US-PC-PMP-15** **US-PC-PO-15** **US-PC-POP-15**	**US-PC-PH-30** **US-PC-PL-30** **US-PC-PM-30** **US-PC-PMP-30** **US-PC-PO-30** **US-PC-POP-30**	**US-PC-PH-40** **US-PC-PL-40** **US-PC-PM-40** **US-PC-PMP-40** **US-PC -PO-40** **US-PC-POP-40**	**US-PC-PH-60** **US-PC-PL-60** **US-PC-PM-60** **US-PC-PMP-60** **US-PC-PO-60** **US-PC-POP-60**
Capacity:	**3 kg, 6 lb, 96 oz**	**6 kg, 15 lb, 240 oz**	**15 kg, 30 lb, 480 oz**	**20 kg, 40 lb, 640oz**	**30 kg, 60 lb, 960 oz**
Division:	0-1.5 kg: 0.0005 kg 1.5-3 kg: 0.001 kg 0-3 lb: 0.001 lb 3-6 lb: 0.002 lb 0-48 oz: 0.02 oz 48-96 oz: 0.05 oz	0-3 kg: 0.001 kg 3-6 kg: 0.002 kg 0-6 lb: 0.002 lb 6-15 lb: 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 0-320oz: 0.2 oz 320-640oz: 0.5 oz 0-20 kg: 0.005 kg 0-40 lb: 0.01 lb 0-640 oz: 0.2 oz	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 480-960oz: 0.5oz
Plater size:	**US-PC-PF-X**	**340 x 240 mm**	**Plater size**	**US-PC-PH-X** **US-PC-PL-X** **US-PC-PO-X** **US-PC-POP-X**	**290 x 218 mm**
Plater size:	**US-PC-PM-X** **US-PC-PMP-X**	**297 x 227 mm**			

USA Measurements
Computing Scale / US-PC Series

Application: General purpose retail computing scale.

Identification: 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.

Sealing: 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 US-PC-PL scale and under the platter on the US-PC-PF scales.

Test Conditions: This Certificate of Conformance supersedes Certificate of Conformance Number 19-128 and was issued to indicate a company phone number change. No additional testing was required. Previous test conditions are listed below for reference.

Certificate of Conformance Number 19-128: This certificate is issued based upon the following tests and upon information provided by the manufacturer. For the purpose of this evaluation, models US-PC-PH-6, US-PC-PH-20, US-PC-PF-30 and US-PC-PF-50, 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 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) 19-128; M. Manheim (NCWM) 19-128A1

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

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

Information Reviewed By: D. Flocken (NCWM) 19-128, 19-128A1

USA Measurements
Computing Scale / US-PC Series

Example(s) of Device:

US-PC-PF

US-PC-PH

US-PC-PO

US-PC-PM

Tower versions

US-PC-PFP

US-PC-PL

US-PC-POP

US-PC-PMP