



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
 Digital Electronic
 Model: PDN-cc Series
 n_{max} : 4000 to 6000
 e_{min} : see table below
 Capacity: see table below
 Platform Size: 11 in x 15 in
 Accuracy Class: III

Submitted By: Contact Info. Updated January 2024

CAS Corporation
 99 Murray Hill Pkwy Unit A
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Standard Features and Options

- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Zero (Push Button)
- DC Power Supply
- LED Display
- Gross/Net Display
- Customer Display (Dual)
- Remote Customer Display
- Single Range
- Multi-Interval
- Units: lb, oz and kg
- RS-232 Communication Port
- USB Communication Port
- Bluetooth Communication (Optional)
- Plastic Base
- Stainless Steel Platter

Model	Capacity	e_{min}	n_{max}
PDN-12	6 kg	0.001 kg	6000
	12 lb	0.002 lb	6000
	200 oz	0.05 oz	4000
PDN-30	12 kg	0.002 kg	6000
	30 lb	0.005 lb	6000
	400 oz	0.1 oz	4000
PDN-60	30 kg	0.005 kg	6000
	60 lb	0.01 lb	6000
	1000 oz	0.2 oz	4000

Load Cells Used: CAS Corporation Models BCA-10L, BCA-20L and BCA-50L (NTEP CC 96-131A3)

This device was evaluated under the National Type Evaluation Program 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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Ivan Hankins
 Chairman, NCWM, Inc.

Hal Prince
 Chair, NTEP Committee
 Issued: May 25, 2022

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CAS Corporation
Non-Computing Scale/ PDN-cc Series

Application: For use in general purpose weighing applications

Identification: The required markings are on an ID label riveted to the side of the scale base.

Sealing: A wire security seal threaded through two screws is located under the platter of the scale.

Test Conditions: The emphasis of this evaluation was on the design, marking requirements, operation and compliance with influence factor requirements. Two scales were provided for this evaluation: a model PDN-12 with a 6 kg x 0.001 kg capacity and a model PDN-60 with a 60 lb x 0.01 capacity. These devices were tested over a temperature range of -10° C to 40° C (14° F to 104° F). They also had a load of approximately one half capacity applied over 100,000 times with several increasing / decreasing load tests performed during this time. Several shift and load discrimination tests were conducted during the evaluation. The units under evaluation were tested with supply voltages from 102 to 132 VAC and were also subjected to RFI testing.

Evaluated By: E. Morabito (NY)

Type Evaluation Criteria Used: *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2022 Edition. *NCWM Publication 14: Measuring Devices*, 2022 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)

Example(s) of Device:

