NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Indicating Element
Digital Electronic
Model: PS-IN202 and PS-IN202SS
n_{max}: 5 000
Accuracy Class: III / III L

Submitted By: Contact Info. Updated February 2024
Zenith Weighing Systems Corporation
6939 Schaefer Avenue
D-278
Chino, CA 91710
Tel: 909-318-0619
Contact: Jinfang
Email: admin@primesystems.ai

Standard Features and Options

- Semi-automatic (push-button) Zero Setting Mechanism (SAZSM)
- Initial Zero Setting Mechanism (IZSM)
- Automatic Zero Tracking (AZT)
- Semi-automatic (push-button) Tare
- Light Emitting Diode (LED) Display
- Gross/Net Display
- Unit Switching (lb or kg) Capability
- AC/DC Adapter
- RS-232 Communication Port (for printer or computer)
  Linearity Calibration Points (3)

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.

Craig VanBuren
Chairman, NCWM, Inc.

Stephen Benjamin
Chair, NTEP Committee
Issued: March 15, 2020

The National Conference on Weights and Measures (NCWM) 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.

Zenith Weighing Systems Corp.

Indicating Element / PS-IN202 and PS-IN202SS

Application: General-purpose indicator for use with NTEP certified and compatible Class III or Class IIIL weighing / load receiving element.

Identification: The required information appears on a self-adhesive label on the top of the scale.

Sealing: A wire security seal must be used by sealing two (2) pre-drilled sealing screws which secures a small plate on the back of the indicator that covers the calibration and configuration switch. The Stainless-Steel version also must have another wire security seal using two (2) pre-drilled sealing screws which secures the case.

Test Conditions: This certificate was issued without additional testing to reactivate Certificate of Conformance 12-112 without lapse and update company and contact information. Previous test conditions are listed below for reference.

Certificate of Conformance Number 12-112: The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. A PS-IN202 and a PS-IN202SS indicating element were submitted for evaluation. Several increasing/decreasing load and discrimination tests were performed. The device was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Tests were also conducted for the range 100 VAC to 240 VAC.

Evaluated By: J. Morrison (OH) 12-112; M. Manheim (NCWM) 12-112A1

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2012 Edition. *NCWM Publication 14 Measuring Devices*, 2012 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) 12-112; D. Flocken (NCWM) 12-112A1

Example(s) of Device:



PS-IN202SS



PS-IN202