



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Electronic
Model: DWP-102N(S)
 $n_{\max}$: 6000
Accuracy Class: III

***Submitted By: Contact Info. Updated November 2023**

DIGIWEIGH USA Inc.
9937 Tabor Place
Santa Fe Springs, CA 90670
Tel: 909-597-6126
Contact: Marcial Solis
Email: msolis@digaweigh-usa.com
Web site: www.digaweigh-usa.com

Standard Features and Options

- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic (Push Button) Zero
- Keyboard Tare
- Semi-Automatic (Push Button) Tare
- AC Power
- Battery Power
- Power Saving Feature (Auto Shut Off)
- LED (Light Emitting Diode) Display
- RS 232
- Linearity Calibration Points
- Stainless Steel Housing
- Plastic Housing
- Printer
- Category 1 Audit Trail

Temperature Range: 5 °C to 35 °C (41 °F to 95 °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.

Jerry Buendel
Chairman, NCWM, Inc.

Ronald Hayes
Committee Chair, National Type Evaluation Program Committee
Issued: April 26, 2016

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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.

**DIGIWEIGH USA Inc.**

Indicating Element / DWP-102N(S)

Application: General purpose indicating element for use with a compatible and certified weighing element.

Identification: The identification label is attached to the top of the indicator.

Sealing: This indicating element utilizes a category 1 audit trail with two event counters. . When powered up the device displays OPT for configurations and CAL for calibration events.

Test Conditions: This Certificate supersedes Certificate of Conformance number 13-004 and is issued without additional tests to reactivate Certificate of Conformance number 13-004 without lapse. Contact information and the company name have also been updated. Previous test conditions are listed below for reference.

Certificate of Conformance Number 13-004: The emphasis was on the device design, operation, marking requirements, and compliance with influence factors. A model DWP-102N stainless steel indicating element was submitted for this evaluation. The indicator was interfaced with a DigiWeigh Model DWP-500CF Class III weighing device and a Digiweigh printer to verify compliance with zero, zone of uncertainty, and motion detection requirements. The device was tested over a temperature range of 5°C to 35°C (41°F to 95°F) using a load cell simulator. Power supply tests were conducted using 100 VAC to 130 VAC and 3.5 and 6.7 DC.

Evaluated By: E.A.Payne, Jr (MD) 13-004

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2013 Edition. *NCWM Publication 14 Weighing 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) 13-004, 13-004A1

Examples of Device:

