



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Weighing/Load Receiving Element
Digital Electronic, Platform
Model: DWP-300NBH
 e_{min} : 0.5 lb
 n_{max} : 600
Platform: 12" x 12"
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.digiweigh-usa.com

Standard Features and Options

Model	Capacity	e_{min}	n_{max}	Accuracy Class
DWP-300NBH	300 lb	0.5 lb	600	III

Weighing/Load Receiving Element Material:

- Stainless Steel, Aluminum

Load Cells Used:

- Non-NTEP load cell Zemic Load Cell Model: L6E Class:C3 100kg

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 *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.

Hal Prince
Chairman, NCWM, Inc.

Craig VanBuren
Chair, NTEP Committee
Issued: March 15, 2021

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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Digiweigh USA INC.
Weighing/Load Receiving Element / DWP-300NBH

Application: For general purpose weighing when interfaced with an approved and compatible indicating element.

Identification: The required information is riveted on the side of the base of weighing element.

Sealing: There are no metrological features that require the use of a security seal on the weighing/load receiving element. The weighing system calibration and provisions for sealing are at the indicating element. Follow required sealing procedures for indicating element used.

Test Conditions: The emphasis of the evaluation was on device design, markings, and compliance with influence factor testing. For this evaluation, a model DWP-300NBH weighing/load receiving element was submitted to this laboratory for evaluation. The weighing/load receiving element was interfaced with a Digiweigh Model DWP-102N indicating element (NTEP CC 13-004). The device was subjected to discrimination tests, shift tests, and several increasing/decreasing load tests. The device was tested over a temperature range of temperature range of 5 °C to 35 °C (41 °F to 95 °F). A load of approximately one-half capacity was applied over 100 000 times and tested periodically during this time.

Evaluated By: Z. Tripoulas (MD)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2020 Edition. *NCWM Publication 14 Measuring Devices*, 2020 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: