NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

## for Weighing and Measuring Devices

**For:**
Indicating Element
Digital Electronic
Models: US-1011N-LED and US-1011N-LCD
$n_{max}$: 10 000

Accuracy Class: III

**Submitted By: Contact Info. Updated October 2022**
USA Measurements
3915 West Hacienda Avenue
Suite A-117
Las Vegas, NV 89118
Tel: 800-711-2237
Contact: Fred Herrmann
Email: sales@usameasurements.com
Website: www.usameasurements.com

**Standard Features and Options**

- Semi-Automatic (pushbutton) Zero
- Semi-Automatic (pushbutton) Tare
- lb/kg Units Capability
- AC/DC Wall Adaptor
- Printing Capability (print key)
- Rechargeable battery is optional
- Counting Function
- RS-232 Communication
- Gross / Net Display

**US-1011N-LED:** Plastic Housing, LED Display
**US-1011N-LCD:** Plastic Housing, LCD Display

Temperature Range: -10 ºC to 40 ºC (14 ºF to 104 ºF)

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: October 20, 2020

## USA Measurements

Indicating Element / US-1011N-LED and US-1011N-LCD

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

**Identification:** The required information is on a self-destructive label attached by adhesive to the back of the device.

**Test Conditions:** This certificate is issued based upon the following tests and upon information provided by the manufacturer. The emphasis of the evaluation was on the device design, marking requirements, and compliance with influence factor requirements. For the purpose of this evaluation a US-1011N-LED indicator and a US-1011N-LCD indicator were submitted interfaced with Doran Model DXL 8100 (NTEP CC 97-097) weighing elements. The indicators were evaluated for discrimination, center of zero, over capacity, voltage variation and the print format using the weighing /load receiving element. The performance testing was performed with the indicator connected to a calibrated load cell simulator. Several increasing/decreasing load tests were performed. The device was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Additionally, the device was tested with a power supply of 85 VAC to 264 VAC and 5.8 VDC to 8.1 VDC.

**Evaluated By:** M. Kelley (OH)

**Type Evaluation Criteria Used:** *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2018 Edition. *NCWM Publication 14: Measuring Devices*, 2018 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:**


**US-1011N-LCD**


**US-1011N-LED**