



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Electronic, Non-Computing
Model: US-3011 & US-3011SS
 n_{max} : 6000
Accuracy Class: III

Submitted By:

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Standard Features and Options

Model Designation:

- US-3011= Plastic Housing
- US-3011SS= Stainless Steel Housing
- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Automatic Zero Setting Mechanism (AZT)
- Semi-Automatic Zero (Push Button) Zero
- Semi-Automatic (Push Button) Tare
- AC/DC Power
- RS-232
- Wireless Printer Feature
- Battery Saving Feature
- LCD Display
- Motion Detection
- Unit Key
- lb/oz/kg/g units
- Battery Operation with Low Battery Indication
- Gross/Net Display
- Gross/Net Weight Accumulation

Temperature Range: 0 °C to 40 °C (32 °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
Committee Chair, NTEP Committee
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USA Measurements Indicating Element / US-3011 Series

Application: General purpose indicating element when connected to a certified and compatible weighing/load-receiving element.

Identification: The self-destructive identification badge may be found on the back of the indicating element.

Sealing: A lead wire security seal must be used by sealing two (2) predrilled sealing screws on the back of the indicator.

Test Conditions: This Certificate of Conformance supersedes Certificate of Conformance Number 19-135 and was issued to indicate a company phone number change. No additional testing was required. Previous test conditions are listed below for reference.

Certificate of Conformance Number 19-135: This certificate is issued based upon the following tests and upon information provided by the manufacturer. The Model(s) US-3011 and US-3011SS digital weight indicators were submitted for this evaluation. The emphasis of the evaluation was on device design, operation, and compliance with influence factor requirements. The indicator was interfaced with a load cell simulator and then tested for accuracy over a temperature range of 0 °C to 40 °C (32 °F to 104 °F). The indicators were interfaced with a load receiving element, Tscale PB4252, and a printer. The devices were tested for discrimination, power interruption, zero tests, and print format. Additionally, the device was tested with a supply voltage of 100VAC to 130VAC and 5.8VDC to 7.2VDC for the RWP and 6.4 VDC to 7.9 VDC for the RWS.

Evaluated By: E. A. Payne, Jr (MD) 19-135; M. Manheim (NCWM) 19-135A1

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: D. Flocken (NCWM) 19-135, 19-135A1

Example(s) of Device:



Model US-3011



Model US-3011