



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Indicating Element  
Digital Electronic  
Model: 380-2D  
 $n_{max}$ : 10 000  
Accuracy Class: III / III L

**Submitted By:**

Rice Lake Weighing Systems  
230 West Coleman Street  
Rice Lake, WI 54868  
Tel: 715-234-9171  
Fax: 715-234-6967  
Contact: Jan Konijnenburg  
Email : [jkonijnenburg@ricelake.com](mailto:jkonijnenburg@ricelake.com)  
Web site : [www.ricelake.com](http://www.ricelake.com)

### Standard Features and Options

- Semi-Automatic (push button) Zero Setting Mechanism
- Automatic Zero Tracking (AZT)
- Semi-Automatic (push button) Tare
- Initial Zero Setting Mechanism (IZSM)
- Auto power off and power save modes
- Keyboard Tare
- Gross/Net Display
- Voltage: 100 VAC to 240 VAC and 3 VDC to 15 VDC
- External Printer Capability
- Weight Accumulation
- Communication: RS-232, Bluetooth
- Liquid Crystal Display
- External Unit Switching (kg, g, lb, oz, t, tn)
- Stainless-Steel housing
- Category 1 sealing method (Wire Security Seal)

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.

Hal Prince  
Chairman, NCWM, Inc.

Craig VanBuren  
Committee Chair, NTEP Committee

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1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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## Rice Lake Weighing Systems Indicating Element / 380-2D

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

**Identification:** The required information appears on a pressure sensitive label displaying “Void” when removed on the side of the indicator. The capacity x division statement is on a label adjacent to the weight display.

**Sealing:** The indicating element use a category 1 sealing method consisting of a wire seal threaded through two of the drilled head screws and thru a hole in the front panel preventing removal and access to the internal calibration jumper.

**Test Conditions:** The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. The indicator was interfaced with a load receiving element to verify compliance with zero, zone of uncertainty and motion detection requirements. A load cell simulator was interfaced to the device, multiple increasing/decreasing tests were performed. The device was tested over a temperature range of -10° C to 40° C (14° F to 104° F). Tests were conducted using 85 VAC to 264 VAC and 2.9 VDC to 16.5 VDC.

**Evaluated By:** J. Gibson (OH)

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2020 Edition. *NCWM Publication 14 Weighing Devices*, 2021 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 of Device:**

Model 380-2D



Sealing

