



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: IQ+210-XY*
 n_{max} : 10 000
Accuracy Class: III / III L

Submitted By: Contact Info. Updated November 2022

Rice Lake Weighing Systems
230 West Coleman Street
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Standard Features and Options**Standard Features:**

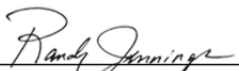
- Semi-automatic (push-button) Zero
- Automatic Zero Setting Mechanism (AZSM)
- Initial Zero Setting Only During Calibration
- Gross Display
- lb/kg/g/oz Unit Capability
- RS 232 Communication Port

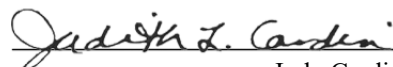
Option:

- Remote Printer Capability Via a Cable Switch
- The X in the model designation represents enclosure type and will be "2: Stainless Steel" until another enclosure type is offered.
2: Stainless Steel
- The Y in the model designation represents input power and will be a letter.
A: 115 VAC
B: 230 VAC

Temperature Range: -10 °C to 40 °C (14 °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.


Randy Jennings
Chairman, NCWM, Inc.


Judith Cardin
Chairman, National Type Evaluation Program Committee
Issued: May 26, 2000

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Rice Lake Weighing Systems

Indicating Element / IQ+210-XY

Application: A general purpose indicator to be interfaced with an approved compatible weighing element.

Identification: The capacity by division statement and, where applicable, the CLC will appear on an adhesive label on the front of the indicator. The other required information appears on an adhesive label on the side of the indicator.

Sealing: A wire security seal can be threaded through three drilled head screws in the lower left corner of the back panel of the indicator to prevent undetected access to a calibration switch for the set-up and calibration mode.

Test Conditions: The emphasis of the evaluation was on the device design, operation, and compliance with influence factor requirements. Several performance tests were conducted with the indicator interfaced with a Rice Lake Model BM 1212-100 (Certificate of Conformance Number 95-072A2) weighing element and a load cell simulator. The indicator was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Additionally, tests were conducted using power supplies of 100 VAC/130 VAC and 215 VAC/245 VAC.

Evaluated By: T. Lucas (OH), W. West (OH)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2000. NCWM, Publication 14: Weighing Devices, 2000.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.