

***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:**

Rice Lake Weighing Systems  
230 West Coleman Street  
Rice Lake, WI 54868  
Tel: (715) 234-9171  
Fax: (715) 234-6967  
Contact: Tom Tarras

**Standard Features and Options**

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

\* 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

Option: Remote printer capability via a cable switch.

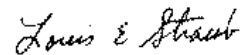
Temperature Range: -10°C to 40°C (14°F to 104°F)

This device was evaluated under the National Type Evaluation Program (NTEP) 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.

Effective Date: April 3, 2000



Ronald D. Murdock  
Chairman, NCWM, Inc.



Louis E. Straub  
Chairman, National Type Evaluation Program Committee

Issue date: May 26, 2000

Note: The National Conference on Weights and Measures does not "approve", "recommend", or "endorse" any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

**Rice Lake Weighing Systems**  
**Indicating Element**  
**Model: 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.

The results of the evaluation indicate the device complies with applicable requirements of NIST Handbook 44.

**Type Evaluation Criteria Used:** NIST Handbook 44, 2000 Edition

**Tested By:** T. Lucas (OH), W. West (OH)