



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Indicating Element
Digital Electronic
Model: 805 Series
 n_{max} : 10 000
Accuracy Class: III/IIIL

Submitted By:
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Standard Features and Options

Standard Features:

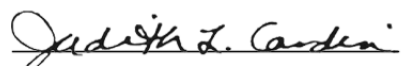
- Stainless Steel Enclosure
- Semi-Automatic (push-button) Tare
- Improper Operation and Fault Indication
- Auto Zero Tracking (AZT)
- Initial-Zero Setting Mechanism (IZSM)
- Semi-Automatic (Push Button) Zero
- Gross/Net Weight Display
- Print Function with Programmable Print Format

Model	Display	Unit Selection	Power Supply	Communication Port
805TS	Light Emitting Diode	lb/kg	AC	RS232 and RS485
805BS	Liquid Crystal Display	lb / oz / kg / g	AC or Battery	RS232

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.


Judy Cardin
Chairman, National Type Evaluation Program Committee
Issued: May 13, 2010

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ANYLOAD Transducer Co. LTD

Indicating Element / 805 Series

Application: General purpose indicating element to be interfaced with certified and compatible weighing elements.

Identification: The identification is laser etched on the top of the indicator housing.

Sealing: Sealing is accomplished by threading a physical security seal through two screws located on the two Symmetrical edges of the back panel of the indicator. This restricts access to a calibration/configuration switch inside the indicator.

Test Conditions: This device was submitted to and evaluated by Measurement Canada under the U.S. and Canadian MRA. The technical data was reviewed by the Maryland NTEP laboratory for compliance with Publication 14 and N.I.S.T Handbook 44 requirements. The Models 805TS, 805BS electronic indicators were submitted for evaluation. The emphasis of the evaluation was on device design, operation, performance, and compliance with influence factor requirements. Each indicator was interfaced with a load cell and weight simulator and tested for accuracy over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Tests were also conducted over a voltage range of 95 VAC to 240VAC and at 6.0 VDC and 10.0 VDC for model 805BS. Additionally, the indicators were interfaced with weighing elements to verify compliance with motion detection, momentary power loss, and zero function requirements.

Evaluated By: E. A. Payne, Jr. (MD).

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2010. NCWM, Publication 14: Weighing Devices, 2010.

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

Information Reviewed By: J. Truex (NCWM)

Example of Device:



Model 805TS



Model 805BS