



## NATIONAL TYPE EVALUATION PROGRAM

# *Certificate of Conformance*

*for Weighing and Measuring Devices*

**For:**

Indicating Element  
Digital Electronic  
Model: T72XW  
 $n_{\max}$ : 10 000  
Accuracy Class: III/IIIL

**Submitted By: Contact Info. Updated January 2024**

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**Standard Features and Options**

- Semi-Automatic (Push-Button) Zero Setting Mechanism
- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic (Push-Button) Tare
- Keyboard Tare
- Gross/Net/Tare Display
- Multiple Range
- Multi-Interval
- AC Power Supply
- Unit Switching Key
- Screen Saver
- Power Save
- RS232/USB
- Remote Printer Capability
- Analog Platform Scale Inputs

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.

John Gaccione  
Chairman, NCWM, Inc.

Stephen Benjamin  
Committee Chair, National Type Evaluation Program Committee  
Issued: May 29, 2014

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**Ohaus Corporation**  
Indicating Element / T72XW

**Application:** General purpose indicating element for use with approved and compatible weighing elements.

**Identification:** The required information appears on a self-destructive label on the top of the indicator. The capacity x division appear on the display in all weight ranges.

**Sealing:** The device uses a wire seal threaded through a slot in the front cover and a hole in the tab of the enclosure or a self-destructive seal placed over the slot in the front cover which prevents removal of the cover eliminating access to calibration and configuration parameters.

**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 NIST Handbook 44 requirements. The emphasis of the evaluation was on the device design, operation, marking requirements and compliance with influence factors. The indicator was interfaced with a PBA430 (NTEP Certificate of Conformance 06-067) Class III approved load receiving element to verify compliance with zero, zone of uncertainty and motion detection requirements. A load cell simulator was interfaced to the device for Class III, multiple range testing; several 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 100 VAC and 240 VAC, 6 - 9 VDC.

**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*, 2014 Edition. *NCWM Publication 14 Weighing Devices*, 2014 Edition.

**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:**

