



NATIONAL TYPE EVALUATION PROGRAM

*Certificate of Conformance*  
*for Weighing and Measuring Devices*

**For:**  
Indicating Element  
Digital Electronic  
Model: SWS-LP7510  
 $n_{max}$ : 5 000  
Accuracy Class: III

**\*Submitted By: Contact Info. Updated October 2012**  
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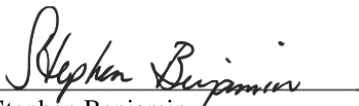
**Standard Features and Options**


**Standard Features:**

- Semi-automatic (push-button) Zero
- Automatic Zero Tracking (AZT)
- Keyboard Tare
- Receipt Printer
- AC Power
- Gross/Tare /Net Display
- LED Display
- LCD Display
- Pound/kg Conversion
- RS-232 Communication Port
- Wall Mounting Bracket

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.

  
Stephen Benjamin  
Chairman, NCWM, Inc.

  
Kurt Floren  
Chairman, National Type Evaluation Program Committee  
Issued: January 11, 2011

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## Scale Weighing Systems

Indicating Element / SWS-LP7510

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

**Identification:** A tamper evident adhesive label is located on the top, left-hand side of the indicator. Badge indicates "void" if removed.

**Sealing:** A physical security seal is threaded through two drilled head screws securing the back cover and preventing access to the calibration switch located inside the device. Calibration is initiated by turning the calibration switch on. While in calibration mode the indicator displays "Cal." Press "Print" to save entries and turn calibration switch off to return to normal weighing.

**Test Conditions:** The emphasis of this evaluation was on device design, operation, performance, and compliance with influence factor requirements. The model SWS-LP7510 was submitted for evaluation and interfaced with a RADWAG weighing element model WPT-10 (Capacity 10 x 0.002 lb, Certificate of Conformance 07-067A1). Increasing/decreasing load tests were performed over a temperature range of -10 °C to 40 °C (14 °F to 104 °F) and line voltages of 100 VAC and 130 VAC. Additionally, the indicators were evaluated for RFI, tare, discrimination, center of zero, and print format tests.

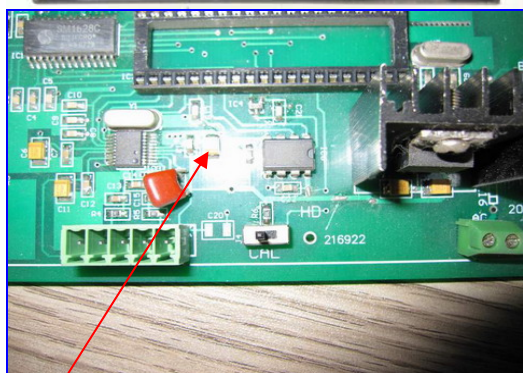
**Evaluated By:** S. Boyd (CA)

**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)

### Examples of Device:



Inside View, Calibration Switch