

NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic

Model: SCT-2200, SCT-1100, LaserLT

 $n_{max} \colon 10 \ 000$

Accuracy Class: III / IIIL

Submitted By:

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Standard Features and Options

- Semi-Automatic (push button) Zero Setting Mechanism
- Automatic Zero Tracking (AZT)
- Semi-Automatic (push button) Tare
- Keyboard/programmable tare
- Gross/Net Display
- Multichannel (LaserLT & SCT-1100)
- 120 VAC (LaserLT)
- 12 24 VDC
- lb, kg, g, oz, ton
- Remote Printer Capability
- RS485
- RS232
- Plastic housing (models SCT-2200 & SCT-1100)
- Stainless-steel housing (model LaserLT)
- Category 2 sealing method (Audit trail)
- SCT-2200 & SCT-1100 also has a paper sealing method
- LaserLT also has a lead wire sealing method

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.

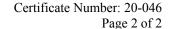
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Rice Lake Weighing Systems

Indicating Element / SCT-2200, SCT-1100, LaserLT

Application: General purpose indicating element for use with any NTEP certified and compatible weighing element.

Identification: The required information appears on a self-destructive label on the side of the indicator. The capacity x division statement is on a label adjacent to the weight display.

Sealing: These devices use a category 2 sealing method, the same key presses are used on the SCT-1100, SCT-2200 and LaserLT:

- 1. Hold Power key until "Audit" is displayed.
- 2. Press Down key twice. Displays "Info" Displays "Audit".
- 3. Press Enter key. Displays "LRV number", "SYS.CFG" (System Configurations).
 4. Press Down or Up Key to toggle between "SYS.CFG", "SC.1.CFG" (Scale 1 Configurations) or "SC.1.CAL" (Scale 1 Calibrations).
- 5. Press Enter key to view the Audit Trail number for the selected counter.
- 6.Press the Clear key to again toggle between "SYS.CFG", "SC.1.CFG" or "SC.1.CAL". In the case of multiple scales it will toggle up to "SC.4.CFG."
- 7. Press the Clear key to exist the Audit Trail mode.

The second method of sealing is the SCT-1100 and SCT-2200 use a paper seal, the LaserLT uses a lead and wire seal threaded through 4 drilled cover nuts, 2 on each side.

Test Conditions: The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. The SCT-2200, SCT-1100 & LaserLT were interfaced with a load receiving element to verify compliance with zero, zone of uncertainty and motion detection requirements. A load cell simulator was interfaced to the devices, 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 120 VAC and 12 to 24 VDC.

Evaluated By: M. Kelley (OH)

Type Evaluation Criteria Used: NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices, 2020 Edition. NCWM Publication 14 Weighing Devices, 2020 Edition.

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

Information Reviewed By: D. Flocken (NCWM)

Example of Device:





