



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: C320, C327, C350, and C357
 $n_{\max}$: 10 000
Accuracy Class: III / III L

Submitted By:

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Standard Features and Options

- Semi-Automatic (push button) - Zero Setting Mechanism (SAZSM)
- Automatic Zero Tracking (AZT)
- Rinlink (infrared communication port for technician use)
- Semi-Automatic (push button) Tare
- Keyboard (preset) Tare
- Gross/Net Display
- Alphanumeric Display
- Category 1 physical seal with Category 2 Audit Trail (calibration and configuration counters)
- Units Selection (lb, oz, tn (ton), kg, g, t (tonne))
- Multiple Programmable Print Formats
- Multiple Range (2 ranges maximum)
- Multi Interval (2 intervals maximum)
- WiFi / Ethernet / USB ports (optional expansion ports)
- AC Power (100 VAC to 240 VAC)
- DC Power (5.0 VDC to 24 VDC)
- LCD Display
- Resin Alloy Enclosure (Model C320, C350)
- Stainless Steel Enclosure (Model C327, and C357)

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.

Kevin Schnepf
Chair, NCWM, Inc.

Marc Paquette
Chair, NTEP Committee
Issued: September 23, 2025

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**Rinstrum Pty Ltd**

Indicating Element / C320, C327, C350, and C357

Application: General-purpose indicator for use with NTEP certified and compatible weighing/load receiving elements.

Identification: An adhesive identification badge containing all required information is located on the exterior of the housing. This badge repeats the word “VOID” when removed.

Sealing: The calibration switch is accessible through a hole with a security screw on the lower back of the indicator housing. Two security tabs, one on the right and one on the left of the rear indicator housing cover can be sealed by a lead wire security seal through one of the tabs and through the security bolt that covers the calibration switch. The Model C327 and C357 (Stainless Steel Enclosure) does not have the calibration access hole on the rear cover but has two security screws that can be lead and wire sealed that holds the complete rear cover in place. All models have a separate calibration and configuration mode that can be accessed through the front panel with a passcode entry. When this method is used to access the seal, it will increment the calibration and/or configuration counter as necessary.

The C320, C327, C350, and C357 are equipped with non-resettable counters that increment every time the unit is calibrated, or sealable configuration setting is changed. To view the counters power down the indicator and then power back up or enter the setup menus.

The calibration and configuration counters will be displayed during the power up sequence for approximately two seconds.

- a. The calibration counter will be identified by Cal Cnt then Cxxxx (example: C.0005).
- b. The setup configuration counter will be identified by Config then F.xxxx (example: F.0005).

Test Conditions: This certificate supersedes Certificate of Conformance 23-090A1 and is issued to add model C327. The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. The Rinstrum model C327 was submitted for evaluation and interfaced with a load cell simulator. Several increasing/decreasing load tests, discrimination, RFI and warm up tests were performed. The device was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Tests were also conducted using 85 VAC to 264 VAC, and 4.7 VDC to 26.4 VDC. The indicating element was also interfaced with a weighing/load receiving element to verify compliance with zero, zone of uncertainty, motion detection, unit conversion and printer format requirements. The “Rinlink” infrared communication port and Wi-Fi was verified for correct functionality. Previous test conditions are listed below.

Certificate of Conformance 23-090A1: This certificate supersedes Certificate of Conformance 23-090 and is issued to add models C350 and C357. The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. Rinstrum models C350 and C357 were submitted for evaluation and interfaced with a load cell simulator. Several increasing/decreasing load tests, discrimination, RFI and warm up tests were performed. The devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Tests were also conducted using 85 VAC to 264 VAC, and 4.1 VDC to 26.4 VDC. The indicating element was also interfaced with a weighing/load receiving element to verify compliance with zero, zone of uncertainty, motion detection, unit conversion and printer format requirements. The “Rinlink” infrared communication port was verified for correct functionality. Previous test conditions are listed below.

Certificate of Conformance 23-090: The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. A Rinstrum model C320 was submitted for evaluation and interfaced with a load cell simulator. Several increasing/decreasing load tests, and warm up tests were performed. The device was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Tests were also conducted using 85 VAC to 264 VAC, and 4.1 VDC to 26.4 VDC. The indicating element was also interfaced with a weighing/load receiving element to verify compliance with zero, zone of uncertainty, motion detection, unit conversion and printer format requirements. The “Rinlink” infrared communication port was verified for correct functionality.

Evaluated By: B. Stone (OH) 23-090(CN 10888), 23-090A1 (CN 11069), 23-090A2 (CN 11513)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2025 Edition. *NCWM Publication 14 Weighing Devices*, 2025 Edition.

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



Rinstrum Pty Ltd

Indicating Element / C320, C327, C350, and C357

Information Reviewed By: D. Flocken (NCWM) 23-090, 23-090A1; J. Gibson (NCWM) 23-090A2

Example(s) of Device:

C320



C350





Rinstrum Pty Ltd
Indicating Element / C320, C327, C350, and C357

C357



C327

