



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Prescription, Counting, Digital Electronic
Model: DRX Series
 n_{\max} : 50 000 e_{\min} : 0.01 g
Capacity: 100 g to 500 g
Platform: 4.5 in diameter

Accuracy Class: II

Submitted By:

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Standard Features and Options

MODEL	CAPACITY	PLATFORM SIZE	n_{\max}	Special Application
DRX100	100 g	4.5 inch diameter	10 000	Prescription, Counting
DRX200	200 g	4.5 inch diameter	20 000	Prescription, Counting
DRX300	300 g	4.5 inch diameter	30 000	Prescription, Counting
DRX500	500 g	4.5 inch diameter	50 000	Prescription, Counting

“The Counting Feature for Prescription Filling Only”
Semi-automatic zero setting mechanism (push button)
Automatic zero setting mechanism (AZSM)
Initial zero setting mechanism (IZSM)
Semi-automatic (push button) tare
Remote printer capability
AC/DC adapter
Gross/Net display
L.C.D. (liquid crystal display)

Units: grams

Options:

Models DRX500 and DRX300: Scanner may be required for reading barcode labels.

Level indicator
RS-232 serial interface
Motion annunciator
Linearity calibration points
Internal automatic calibration

Temperature Range: 18 °C to 33 °C (64 °F to 92 °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.

Ronald Hayes
Chairman, NCWM, Inc.

John Gaccione
Committee Chair, National Type Evaluation Program Committee
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Scientific Industries
Non-Computing Scale / DRX Series

Application: All scales in the DRX Series are made for general purpose weighing, prescription weighing, and counting. Counting feature for prescription filling only.

Identification: The required information appears on a self-destructive label located on the back of the device. Other required markings appear on the front panel of the scale; "Counting Feature for Prescription Filling Only".

Sealing: The device can be sealed by threading a wire security seal through 2 screws on the back of the scale housing. One screw is on the bottom half of the enclosure and the other on the top half. With the seal in place, the scale enclosure cannot be opened and this prevents access to the calibration and configuration switch.

Test Conditions: This certificate supersedes Certificate of Conformance number 07-044 and is issued to indicate transfer of the NTEP Certificate of Conformance from Fulcrum Inc. to Scientific Industries. Previous test information and documentation provided by the company was reviewed. Previous test conditions are listed below for reference.

Certificate of Conformance Number 07-044: The DRX100 and DRX500 were submitted for evaluation. The emphasis of the evaluation was on device design, operation, marking requirements, compliance with influence factor requirements, and Counting Feature for Prescription Weighing. Several increasing/decreasing load and shift tests were conducted. The scale was tested over a temperature range of 18° C to 33° C (64° F to 92° F). A load of approximately one-half capacity was applied to the scale at least 100,000 times. The scale was tested periodically over this time. Tests were conducted using 100 VAC and 130 VAC power supplies.

Evaluated By: J. Bigrigg (OH) 07-044

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2007 Edition. *NCWM Publication 14 Measuring Devices*, 2006 Edition.

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

Information Reviewed By: S. Patoray, L. Bernetich (NCWM) 07-044; J. Truex (NCWM) 07-044A1

Example of Device:

