

National Conference on Weights and Measures
15245 Shady Grove Road, Suite 130 • Rockville, MD 20850

Certificate Number: 07-044

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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: (*See below)
Platform: (*See below)

Accuracy Class: II

Submitted by:

Fulcrum, Inc.
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Standard Features and Options

<u>MODEL</u>	<u>CAPACITY</u>	<u>PLATFORM SIZE</u>	<u>n_{\max}</u>	<u>Special Application</u>
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.

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

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

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of 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.



Mike Cleary
Chairman, NCWM, Inc.



Don Onwiler
Chairman, National Type Evaluation Program Committee

Issue date: April 10, 2007

Note: The National Conference on Weights and Measures does not "approve", "recommend", or "endorse" any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

Fulcrum, Inc.
Non-Computing Scale
Model: 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: 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)

Type Evaluation Criteria Used: NIST Handbook 44, 2007 Edition, NCWM Publication 14, 2006 Edition

Conclusion: The results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

Information Reviewed By: S. Patoray, L. Bernetich (NCWM)

Example of DRX Series Models:

