



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-computing Scale
Prescription Balance; Mechanical Analog
Model: DRX-3
 n_{\max} : 6 000
Platform: 3" diameter pans
Capacity: 60 x 0.01 g (see below)

Submitted By:

Scientific Industries
70 Orville Dr.
Bohemia, NY 11716
Tel: 973- 473-6900
Fax: 973-777-8302
Contact: Karl Nowosielski
Email: karlnowo@torbal.com
Web site: www.torbalscales.com or www.fulcruminc.net

Standard Features and Options

Equal arm balance

Weight units in grams and apothecary

Capacity: 2 oz ap x 0.2 grains in apothecary units

Metric: 60 x .01 g

Dial range: 1 g x 0.01 g; 15 x 0.2 grains

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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Ronald Hayes
Chairman, NCWM, Inc.

John Gaccione
Committee Chair, National Type Evaluation Program Committee
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1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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Scientific Industries
Non-computing Scale / DRX-3

Application: For use as a prescription balance in pharmacies.

Identification: The identification badge is on the right side of the balance.

Operation: The balance is a modification of an earlier model. The balance was modified to meet the requirement for a Class III scale.

- The balance is marked "For Prescription use Only" on the inside of the plastic wind cover. The capacity by division statement also appears inside the plastic wind cover.
- The dial indicators are marked for both grams and grains
- The arrest mechanism is marked
- The balance is equipped with a level on the right side to level the scale from front to back. The level is established from left to right by adjusting the legs so the balance indicator is on the center graduation of the analog scale.

Test Conditions: This certificate supersedes Certificate of Conformance number 87-019A1 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 87-019A1: The Certificate is transferred to Fulcrum, Inc. from Vertex Industries, Inc. This Certificate is issued to change the company name on the Certificate. Certificate of Conformance 87-019 remains in effect to cover those scales sold under the old name. Previous test information and documentation provided by company were reviewed. Previous test conditions for the original type evaluation listed are below for reference.

Certificate of Conformance Number 87-019: The balance was tested for accuracy at room temperature. Because the balance is an equal arm mechanical balance, the influence factors requirements are not applicable. A permanence test was not performed because the same balance design has been used in the field for many years (See OWM Test No. 125). The compliance with Handbook 44 specifications was reviewed as part of the evaluation. The results indicate the device complies with the applicable requirements.

Evaluated By: H. Oppermann (NIST) 87-019

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 1987 Edition. *NCWM Publication 14 Measuring Devices*, 1987 Edition.

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

Information Reviewed By: H. Oppermann (NIST) 87-019; S. Patoray (NCWM) 87-019A1; J. Truex (NCWM) 87-019A2

Example of Device:

