

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

Certificate Number: 96-059

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National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: F800
n_{max}: 10 000

Accuracy Class: III / III L

Submitted by:

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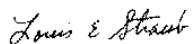
Standard Features and Options

Automatic zero setting mechanism
Semi-automatic (push-button) zero
Push button tare
Gross/net display
Numeric keypad

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

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.

Effective Date: May 3, 1996



Louis E. Straub
Chairman, NCWM, Inc.



G. Weston Diggs
Chairman, National Type Evaluation Program Committee

Issue date: September 19, 1996

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This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

Unipulse Corporation
Indicating Element
Model: F800

Application: General purpose indicating element for use with compatible certified weighing elements.

Identification: The identification badge is on the right side of the device. The information is printed on a tamper evident badge that repeats a “void” pattern when the badge is removed.

Sealing: A metal cover provides access to the configuration and calibration terminals and can be sealed by threading a wire security seal through three drilled head screws.

Test Conditions: The emphasis of this evaluation was on device design, operation, and compliance with influence factors. The Model F800 was interfaced with a load cell simulator and tested for accuracy over a temperature range of -10 °C to 40 °C. The device was also tested over a voltage range of 100 VAC to 130 VAC. Additionally, the indicator was interfaced to a weighing element (Doran Model DSP3200) to verify compliance with width of zero, zone of uncertainty, and motion detection requirements.

The results of this evaluation indicate that the device complies with the applicable requirements of NIST Handbook 44.

Type Evaluation Criteria Used: NIST Handbook 44, 1996 Edition

Tested By: A. P. Buie, J. T. Price (MD)