



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Computing Scale  
Counter/Bench, Load Cell Electronic  
Model: DM15, D15, D30 & D60  
 $n_{max}$ : 3 000  
 $e_{min}$ : 2 g to 10 g / 0.005 lb to 0.02 lb / 0.1 oz ( See Below)  
Capacity: 6 kg to 30 kg / 15 lb to 60 lb / 240 oz (See Below)  
Platform: 12.6 inches x 9 inches, Stainless Steel  
Accuracy Class: III

**\*Submitted by: Contact Info. Updated October 2019**

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**Standard Features and Options**

Automatic Zero Tracking (AZT)  
Initial Zero Setting Mechanism (IZSM)  
Semi-Automatic Zero (Push Button)  
Semi-Automatic Tare (Push Button)  
Pre-Tare  
Price Computing  
Pre-Pack Feature  
Selectable Weight Units  
RS232 Port

AC Power Supply  
DC/Battery Power Supply  
Power Saving Feature (Sleep Mode)  
Power Saving Feature (Auto Shut Off)  
Customer Display (Dual)  
Gross/Net Display  
Integral Display  
Liquid Crystal Display (LCD)  
Print Feature

Model	Capacity	d/e	$n_{max}$	Accuracy Class
DM15	15 lb/ 240 oz	0.005 lb / 0.1 oz	3000 / 2400	III
D15	6 kg / 15 lb	2 g / 0.005 lb	3000	III
D30	15 kg / 30 lb	5 g / 0.01 lb	3000	III
D60	30 kg / 60 lb	10 g / 0.02 lb	3000	III

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

Jerry Buendel  
Chairman, NCWM, Inc.

Ronald Hayes  
Committee Chair, National Type Evaluation Program Committee  
Issued: October 16, 2015

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**Detecto Scale Company**  
Computing Scale / DM15, D15, D30 & D60

**Application:** For use in general purpose weighing applications.

**Identification:** The required information is on a label glued to the left side of the scale base.

**Sealing:** The device is sealed with a wire security seal threaded through a hex nut and a molded plastic tab located on the underside of the unit.

**Test Conditions:** This certificate supersedes Certificate of Conformance 13-058A1 and was issued to add the RS232 and print features. The additional features were evaluated by an NTEP laboratory. Previous test conditions are listed below for reference.

**Certificate of Conformance Number 13-058A1:** This certificate supersedes Certificate of Conformance 13-058 and was issued to add the model DM15, pound and ounce (oz) units, version to the certificate. The use, display and marking of oz units was evaluated by an NTEP laboratory.

**Certificate of Conformance Number 13-058:** This certificate is issued based upon the following tests and upon information provided by the manufacturer. The Model D15 (6 kg x 0.002 kg) and D60 (30 kg x 0.01 kg) were submitted for this evaluation. The emphasis of the evaluation was on the design, marking, operation and compliance with influence factor requirements. Several increasing / decreasing load tests and shift tests were performed on each device. The devices were tested with an AC power supply range from 102 VAC to 132 VAC and a DC power supply range from 5 VDC to 13.2 VDC. The devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half capacity was applied to the devices over 100,000 times each with periodic testing of the devices during this time.

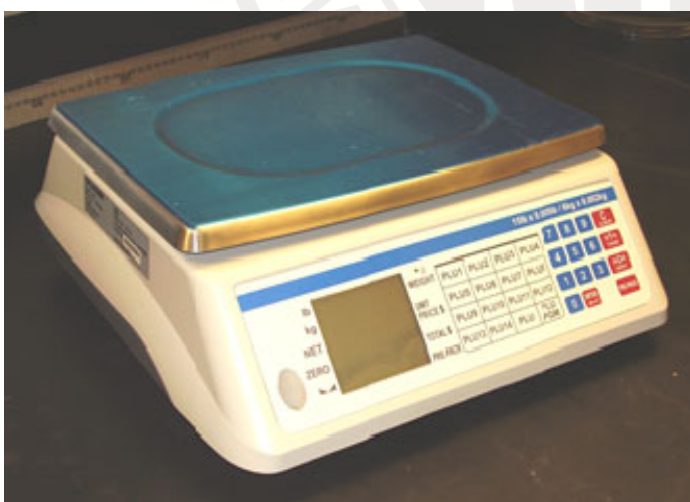
**Evaluated By:** E.Morabito (NY)13-058,13-058A1,13-058A2

**Type Evaluation Criteria Used:** NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2015. NCWM, Publication 14: Weighing Devices, 2015.

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

**Information Reviewed By:** J. Truex (NCWM) 13-058, 13-058A1, 13-058A2

**Examples of Device:**



D15/D30/D60



Method of Sealing