

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

For:

Indicating Element
Digital Electronic
Model: DWC-400-XY* (See Below)
 n_{\max} : 10 000 d

Accuracy Class: III/IIIL

Submitted by:

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Standard Features and Options

* The model suffixes XY designate the following:

X = Enclosure type; 1= Desk top, 2= Upright, 3= Wall mount, 4= Panel mount
Y = Power input; A= 115 volts AC, B= 230 volts AC

Semi-automatic (push button) zero (SAZSM)	Separate Gross/Tare/Net Display
Automatic zero setting mechanism (AZSM)	Gross/Net Display
Initial zero setting (only during calibration)	Alphanumeric Display
Keyboard Tare	lb/kg/g/oz/ton/metric ton unit's capability
Semi-Automatic (push button) tare	RS 232 communication port
Programmable tare	RS 485 communication port
Multiple tare memories	20 mA Loop connector
Remote printer capability	Linearity Calibration points
LCD Display	Variable print format
In/Out vehicle weighing	PC Keyboard
Configurable set points	Password protection
Configurable Secondary & Tertiary weights	Database memory
Operator prompted & Graphical Display	ROC Display
User programmable for non metrological functions	Configurable soft Keys

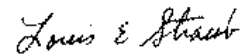
Multideck (Multichannel) Capability (up to 4 channels including summing of selected or all channels)

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.



Ronald D. Murdock
Chairman, NCWM, Inc.



Louis E. Straub
Chairman, National Type Evaluation Program Committee
Issue date: June 27, 2002

CompuWeigh Corp.
Model: DWC-400
Indicating Element

Application: A general-purpose indicator to be interfaced with an approved compatible weighing element(s).

Identification: The capacity by division statement and, where applicable, the CLC will appear on an adhesive label on the front of the indicator. The other required information appears on an adhesive label on the back the indicator (except for the panel mount version. The label requirements will be placed adjacent to the weight display on the housing that surrounds the indicator).

Sealing: The DWC-400 indicator model versions; “upright, desk top & wall mount” utilize a wire security seal threaded thru any two of the drilled head screws that hold a metal access plate located on the bottom of the indicator and a third larger drilled head screw that blocks the hole to the calibration switch.

The panel mount version: also utilizes a wire security seal that passes through a drilled head screw the holds the metal casing that surrounds the internal parts of the indicator and a larger drilled head screw that blocks the calibration switch located in the lower right corner on the back of the indicator.

Test Conditions: This certificate is issued based upon the following tests and upon information provided by the manufacturer. A CompuWeigh DWC-400 indicator was submitted for evaluation. The emphasis of the evaluation was on the device design, marking requirements, operation and compliance with influence factor requirements. Several performance tests were conducted with the indicator (stainless steel housing) interfaced with a weighing element, 3 load cell simulators (multiple weighing elements) and a printer. The indicator was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Additionally, tests were conducted using power supplies of 100 VAC / 130 VAC and 200 VAC to 250 VAC.

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

Type Evaluation Criteria Used: NIST Handbook 44, 2001 Edition

Tested By: T. Lucas (OH)

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