

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

For:

Bench/Portable Scale - Load Cell Electronic
Model: CPC-2000
 n_{\max} : 2 000
 e_{\min} : 0.001 kg; 0.002 lb; 0.05 oz
Capacity: 2 kg; 4 lb; 80 oz to 20 kg; 40 lb; 800 oz
Platform: 8.5 inch x 8.5 inch Stainless Steel
Accuracy Class: III

Submitted by:

Yamato Corp.
1775 S. Murray Blvd.
Colorado Springs, CO 80916
Tel: (719) 591-1500 ext. 19
Fax: (719) 591-1045
Contact: Larry Goodbar

Standard Features and Options

Semi-automatic (push button) tare	AC power supply
Platter (push button) tare	LCD / LED displays
Semi-automatic (push button) zero	Unit button (lb, kg & oz)
Automatic zero setting mechanism (AZSM)	Initial zero setting mechanism (IZSM)
Gross /net display	

Load cells used: Charder Model; LBD2-6kg and LBD2-20kg/35kg; Resistive strain gauge mounted as a Single-ended Cantilever. Non-NTEP

Options:

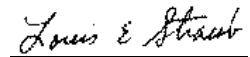
Battery power supply

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.



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

**Yamato Corporation
Model CPC-2000
Bench/Counter Scale
Load Cell Electronic**

Application: For use in general purpose weighing applications.

Identification: The required information is on the front of the device or on a label glued to the right side of the chassis of the scale.

Sealing: A wire security seal can be threaded through two hex shaped screws located under the base near the back of the device to prevent access to the device.

Test Conditions: This certificate is issued based upon the following tests and upon information provided by the manufacturer. Two Yamato model CPC-2000 devices were submitted for evaluation, 4 lb x 0.002 lb and 800 oz x 0.5 oz (40 lb x 0.02 lb) capacity. The emphasis of the evaluation was on the device design, marking, operation and compliance with influence factor requirements. Several increasing/decreasing load tests and shift tests were performed. The devices were tested with an AC power supply from 100 VAC to 130 VAC and a DC power supply from 11.6 VDC to 15 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 bases over 100 000 times (each). The scale was tested periodically during this time.

The results of the evaluation indicate the devices comply with the applicable requirements of NIST Handbook 44.

Type Evaluation Criteria Used: NIST Handbook 44, 2001 Edition

Tested By: T. Lucas (OH)

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