



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Top Loading Balance, Digital Electronic
Model: CZxxx Series
 n_{\max} : 12 000 e_{\min} : see below
Capacity: 500g to 6000 g
Accuracy Class: II

Submitted By:

Aczet, Inc.
1637 Stelton Road, Unit # B5
Piscataway, NJ 08854
Tel: 732-777-0900
Fax: 732-777-0901
Contact: Tejas Shah
Email: infousa@aczet.com
Web site: www.aczet.com

Standard Features and Options**Group "A" Scales**

Mode	Capacity (g)	Platform size	e (g)	d (g)	n_{\max}	Class
CZ502	500 g	dia. 120mm	0.1 g	0.01 g	5000	II
CZ 501	500 g	dia. 120mm	0.1 g	0.1 g	5000	II
CZ601	600 g	140 x 150 mm	0.1 g	0.1 g	6000	II
CZ 602	600 g	dia. 120mm	0.1 g	0.01 g	6000	II
CZ5000	5000 g	140 x 150 mm	1 g	1 g	5000	II
CZ 5000H	5000 g	140 x 150 mm	1 g	0.1 g	5000	II
CZ6000	6000 g	140 x 150 mm	1 g	1 g	6000	II
CZ 6000H	6000 g	140 x 150 mm	1 g	0.1 g	6000	II

Group "B" Scales

Mode	Capacity (g)	Platform size	e (g)	d (g)	n_{\max}	Class
CZ 1202	1200 g	dia. 120mm	0.1 g	0.01 g	12000	II
CZ1200	1200 g	140 x 150 mm	0.1 g	0.1 g	12000	II

Possible suffixes: H, T & HT

Standard Features for Groups "A and B" Scales:

- Automatic Zero Setting Mechanism (AZSM)
- Semi-automatic (push-button) Zero Setting Mechanism
- Initial Zero Setting Mechanism (IZSM)
- Semi-automatic (push-button) Tare
- Backlit LCD Display
- Battery Power Supply
- AC/DC Power Adapter
- Units Available (g, ct) (Group A)
- Units Button (g, ct, lb, oz, ozt and dwt) (Group B)

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.

Kristin Maee
Chairman, NCWM, Inc.

Jerry Buendel
Chairman, National Type Evaluation Program Committee
Issued: July 11, 2017

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

The National Conference on Weights and Measures (NCWM) does not approve, recommend or endorse any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

**Aczet, Inc.**

Non-Computing Scale / CZxxx Series

Application: For use in general purpose weighing applications. The CZ series scales are suitable for use as jewelers balances, top loading balances or grain test scales which can be used as LEGAL FOR TRADE.

Identification: The Manufacturer's identification, model number and serial number are on a sensitive label attached to the right side of the scale platform. The label is perforated and will tear if attempts are made to remove it.

Sealing: The device is sealed with a Category 1 Audit Trail. Access to the Audit Trail information is by Press the ON/OFF key. During self check PRESS P key shows calibration number, PRESS S key shows configuration number.

Test Conditions: This Certificate supersedes NTEP Certificate of Conformance Number 09--109 and was issued to indicate transfer of the NTEP Certificate of Conformance from Citizen Scale, Inc. to Aczet, Inc. Model number changes have also been added. Previous test information and documentation provided was reviewed by NTEP. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance Number 09-109: Models tested: CZ-502, CZ-1202 and CZ-6000. The emphasis of the evaluation was on the device design, operation, performance, marking requirements and compliance with influence factor requirements several increasing/decreasing and shift tests were conducted. The device was tested statically over a temperature range of -10° C to 40° C. A load of approximately one-half capacity was applied to the scale over 100 000 times. The scale was tested periodically over this time. Additional tests were conducted using 102 VAC and 132 VAC and 5.6 VDC and 7.7 VDC power supplies.

Evaluated By: T. Lucas (OH), M. Rieser (OH), M. Kelley (OH), E. Matthews (OH) 09-109

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2017. NCWM, Publication 14: Weighing Devices, 2017.

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) 09-109, 09-109A1

Examples of Device: