



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: SJX Series
 n_{max} : See Below
 e_{min} : See Below
Capacity: See Below
Platform: See Below
Accuracy Class: II/ III

Submitted By:

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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)
- Programmable Tare
- Integral Display
- Liquid Crystal Display
- Gross/Net Display
- AC/DC Power Supply
- Battery Power
- Power Saving Feature (Auto Shut-Off)
- Weight Units: carat, grain, gram, kilogram, pennyweight, pound, ounce, troy ounce
- Bracketing of the display is used to identify “d” when it is not equal to “e” (d<e)
- “The Counting Feature is Not Legal for Trade” is labeled on the front of the scale
- Linearity Calibration points (3)
- Weight Accumulation (Manual)
- Bluetooth (Optional)
- Ethernet (Optional)
- RS232 (Optional)
- USB (Optional)
- Remote Customer Display (Optional)

Model	Capacity	e	d	n_{max}	Class	Platter Dimensions
SJX323N/E	64 g	0.01 g	0.001 g	6400	II	93 mm dia.
SJX622N/E	620 g	0.1 g	0.1 g	6200	III	120 mm dia.
SJX1502N/E	1500 g	0.1 g	0.01 g	15000	II	170 x 140 mm
SJX6201N/E	6200 g	1 g	1 g	6200	III	170 x 140 mm

Load Cell Used: Mettler Toledo models 30254250 (220 g), 30254251 (620 g), 30254252 (2200 g) and 30254253 (6200 g) non-NTEP

Temperature Range: Class II: 10 °C to 30 °C (50 °F to 86 °F); Class III: 10 °C to 40 °C (50 °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
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Ohaus Corporation
Non-Computing Scale / SJX Series

Application: For general purpose weighing, retail jewelry weighing/precious metal weighing, weighing of grain in commercial and USDA/GIPSA applications.

Identification: G.S.1 information is placed on a pressure sensitive or tamper proof identification badge located on the top of the device.

Sealing: A category 1 seal is used. To seal the device, a wire security seal may be threaded through tabs in a sliding cover and the base housing on the bottom of the scale. Alternately, a destructible sealing label may be affixed to the sliding cover and the base housing. When the sliding cover is sealed in the locked position, access to the calibration switch inside the housing is prevented. Remote calibration and configuration are also blocked when the device is sealed.

Test Conditions: This device was submitted to and evaluated by Measurement Canada under the U.S. and Canadian MRA. The technical data was reviewed by the Maryland NTEP laboratory for compliance with Publication 14 and NIST Handbook 44 requirements. The emphasis of the evaluation was on device design, operation, performance, and compliance with influence factor requirements.

Evaluated By: E. Langevin (MC); E. A. Payne, Jr (MD)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2016 Edition. *NCWM Publication 14 Measuring Devices*, 2015 Edition.

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)

Examples of Device:



Model SJX323N/E



Model SJX622N/E



Model SJX1502N/E



Model SJX6201N/E