

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

For:

Multiple Dimension Measuring Device
Model: CS900 and CS900LX (see note)
Maximum: (see below)
Minimum: (see below)
d_{min}: 0.2in (0.5cm) at 240ft/min (73m/min)
0.5in (1cm) at 260ft/min (80m/min)

Submitted by:

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Standard Features and Options

Note: In the model designation CS900LX, the "LX" represents non-metrologically significant features.

Dimensioning Designation:

Dimensions	Minimum	Maximum	Maximum Velocity
Length	2.4in (6cm)	100in (254cm)	240ft/min (73m/min)
Width	2.4in (6cm)	36in (92cm)	
Height	2.4in (6cm)	36in (92cm)	
Length	6in (12cm)	100in (254cm)	260ft/min (80m/min)
Width	6in (12cm)	36in (92cm)	
Height	6in (12cm)	36in (92cm)	

Standard Features:

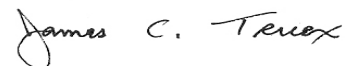
RS 232 communication port.

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.



G. Weston Diggs
Chairman, NCWM, Inc.



James C. Truex
Chairman, National Type Evaluation Program Committee
Issue date: April 15, 2005

Note: The National Conference on Weights and Measures 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.

Mettler-Toledo, Inc
Multiple Dimension Measuring Device
Model: CS900

Application: The CS900 is used to calculate the dimensions of an opaque hexahedron object. More than one object can be (scanned) measured simultaneously. The edges or surfaces of the objects being measured can be touching. Objects can not be stacked. Larger objects must not be placed so as to cut the light rays to the smaller objects.

Identification: The required information appears on an adhesive badge attached to the side of the scale housing.

Sealing: The Device is sealed by threading a wire through two bolts heads after setup is complete.

Test Conditions: For the purpose of this evaluation, CS900 was submitted for evaluation. The emphasis of the evaluation was on device design, marking, operation, and compliance with influence factor requirements. Several measurements were performed near maximum, near minimum, and near mid-range for the range listed. The devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Measurements were also conducted with power supplies of 100 VAC and 130 VAC.

NOTE: This Certificate is issued as a provisional NTEP Certificate of Conformance (CC). This evaluation is based on the current draft checklist, procedures and technical policy contained in NCWM Publication 14 for this device type. When work on the NCWM Publication 14 section for this device is completed, the test report and this NTEP CC will be reviewed. If all current requirements have been met by this evaluation, the provisional status will be removed.

Evaluated By: W. West (OH), A. McCoy (OH), T. Lucas (OH)

Type Evaluation Criteria Used: NIST Handbook 44, 2003 Edition; NCWM Publication 14, 2003 Edition

Conclusion: The results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

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