NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Multiple Dimension Measuring Device
Static Dimensioning Only
Model: iDimension Plus 2.0
Maximum: (see below)
Minimum: 2.4 in (55 mm)
d_{min}: 0.2 in (5 mm)

Submitted By:
Rice Lake Weighing Systems
230 West Coleman Street
Rice Lake, WI 54868
Tel: 715-234-9171
Fax: 715-234-6967
Contact: Derrick Bender
Email: dbender@ricelake.com
Website: www.ricelake.com

Standard Features and Options

For dimensioning of static opaque objects.
The system consists of one main scanner processing unit. See the photo under the example of devices.

Maximum Measurement Dimension		
Length – in (mm)	Width - in (mm)	Height - in (mm)
48 (1219)	32 (812)	28 (711)

Length = Longest measured horizontal side, Width = Shortest measured horizontal side, Height = Vertical axis

Standard Features:
- 100 – 240 VAC
- USB
- Ethernet
- Optional NTEP certified and compatible Load/Receiving Element

Software Version ID:
6.1.x.xxxx or Higher

Temperature Range: 0 °C to 35 °C (32 °F to 95 °F)

This device was evaluated under the National Type Evaluation Program 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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Marc Paquette
Chair, NCWM, Inc.

Gene Robertson
Chair, NTEP Committee
Issued: February 21, 2025

9011 South 83rd Street | Lincoln, Nebraska 68516

Rice Lake Weighing Systems

Multiple Dimension Measuring Device / iDimension Plus 2.0

Application: The iDimension Plus 2.0 is a static dimension measurement instrument that dimension singulated irregular and cubic shaped opaque objects. May also be interfaced with a NTEP certified and compatible Weighing/Load Receiving Element.

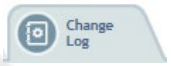
Identification: The required information appears on a "void" adhesive badge attached to the side of the main dimensioning device housing and is also accessible from a weights and measures info screen in the software.

To access the Identification info on the screen, Click on the  icon. For more information, click on the 

inspector icon.

Sealing: The device is sealed using a category 3 audit trail.

To access audit trail, click on the  icon, then click on the 

inspector icon, then click on the 

Change Log tab.
Enter the Start and End dates to view what changes were made between these two dates.

Operation: This static dimensioning system functions when an operator places a single irregular or cubic shaped opaque object within the defined measurement area.

Remote Customer/Operator Display: The main scanner processing unit interfaces to a remote display screen via USB or a wired or wireless Ethernet connection. If an error condition exists, a specific error description will appear next to each axis that may be in an error condition. In addition to displaying certified dimensions, certified weight is also displayed when iDimension Plus 2.0 is connected to an NTEP Certified weighing/load receiving element.

Test Conditions: A Rice Lake Weighing Systems Model iDimension Plus 2.0 was submitted for evaluation. The emphasis of the evaluation was on device design, marking, operation, performance, and compliance with influence factor requirements. Several measurements were performed near maximum, near minimum, and near mid-range for the range listed. The device was also tested over a temperature range of 0 °C to 35 °C (32 °F to 95 °F). Additional tests for voltage changes were not performed as the scanner head was previously evaluated under CC 19-040.

Evaluated By: D. Flocken (NCWM) 25-XXX (CN 10942)

Type Evaluation Criteria Used: *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2025 Edition. *NCWM Publication 14: Measuring Devices*, 2025 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: J. Gibson (NCWM) 25-XXX

Example(s) of Device: