



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Multiple Dimension Measuring Device  
 Static Dimensioning Only  
 Model: iDimension Plus  
 Maximum: (see below)  
 Minimum: (see below)  
 d<sub>min</sub>: (see below)

**Submitted By:**

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**Standard Features and Options**

For dimensioning of static opaque objects.

System consists of one main scanner processing unit. See photo under example of devices.

**Specifications when iDimension Plus is mounted at 60" above the measuring platform**

	Length (in)	Width (in)	Height (in)
Maximum	48	28	28
Cuboidal Minimum	5.6	5.6	2.4 / (HR) 0.6
Irregular Minimum	6	6	6
Cuboidal d <sub>min</sub>	0.2	0.2	0.2 / (HR) 0.05
Irregular d <sub>min</sub>	0.5	0.5	0.5

**(HR) High Resolution Height**

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

**Standard Features: (HR) High Resolution Height**

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

**Software Version ID:**

4.11.xx or Higher

Temperature Range: 0 °C to 30 °C (32 °F to 86 °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.

Hal Prince  
 Chairman, NCWM, Inc.

Craig VanBuren  
 Chair, NTEP Committee  
 Issued: October 20, 2020

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## Rice Lake Weighing Systems Multiple Dimension Measuring Device / iDimension Plus

**Application:** The iDimension Plus 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. The iDimension Plus (30 min) require warm-up time before accurate dimensions can be taken. This delay is programmed into the Ready status.

Remote Customer/Operator Display: The main scanner processing unit interfaces to a remote display screen via USB or a wired or wireless Ethernet switch. 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 is connected to an NTEP Certified weighing/load receiving element

**Test Conditions:** This Certificate of Conformance Number supersedes Certificate of Conformance Number 19-040A1 and was issued to indicate a sale of company from Postea, Inc. to Rice Lake Weighing Systems and to change the product model description from “QubeVu Core™” to “iDimension Plus”. No additional testing was required. Test Conditions are listed below for reference

**Certificate of Conformance Number 19-040A1:** This Certificate supersedes Certificate of Conformance number 19-040 and is issued to change the product model description from “Qube Vu DimStation 2.0” to “QubeVu Core™”. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

**Certificate of Conformance Number 19-040:** A Postea, Inc. model QubeVu DimStation 2.0 was submitted for evaluation with a NTEP Certified weighing/Load receiving element. The emphasis of the evaluation was on device design, marking, operation, performance, operation with a weighing/Load receiving element 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 30 °C (32 °F to 86 °F). Additional tests were conducted using 100 VAC and 240 VAC power supplies.

**Evaluated By:** M. Kelley (OH); M. Manheim (NCWM) 19-040A2

**Type Evaluation Criteria Used:** *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2019 Edition. *NCWM Publication 14: Measuring Devices*, 2019 Edition.

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

**Information Reviewed By:** D. Flocken (NCWM) 19-040, 19-040A1, 19-040A2



**Rice Lake Weighing Systems**  
Multiple Dimension Measuring Device / iDimension Plus

**Example(s) of Device:**

