



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Multiple Dimension Measuring Device
 Static Dimensioning Only
 Model: QubeVu Workstation, DimStation and Industrial
 Maximum: (see below)
 Minimum: (see below)
 d_{min} : (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 QubeVu 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
Irregular	6	6	6
Cuboidal d_{min}	0.2	0.2	0.2
Irregular d_{min}	0.5	0.5	0.5

Specifications when QubeVu is mounted at 79" above the measuring platform

	Length (in)	Width (in)	Height (in)
Maximum (WS / DS / IQV)	48	32	32
Cuboidal Minimum (WS / DS / IQV)	7	7	2.4
Irregular Minimum (WS / DS / IQV)	7	7	6
Cuboidal d_{min}	0.2	0.2	0.2
Irregular d_{min}	0.5	0.5	0.5

Length = Longest measured horizontal side, Width = Shortest measured horizontal side, Height = Vertical axis
 WS = QubeVu Workstation, DS = QubeVu DimStation, and IQV = QubeVu Industrial

Standard Features:

- 100 – 240 VAC Power
- USB
- Ethernet

Software Version ID:

- 4.5.xx or Higher

Temperature Range: 0 °C to 40 °C (32 °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
 Issued: March 8, 2016

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Multiple Dimension Measuring Device / QubeVu Workstation, DimStation and Industrial

Application: The QubeVu Workstation, QubeVu DimStation, and QubeVu Industrial are static dimension measurement instruments that dimension singulated irregular and cubic shaped opaque objects.

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 QubeVu Workstation / QubeVu DimStation (30 min) and QubeVu Industrial (180 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 QubeVu is connected to an NTEP Certified scale with its own display unit.

Test Conditions: This certificate supersedes Certificate of Conformance Number 15-023PA2 and is issued to increase the width and height dimensions for the DimStation model. Test data for the devices covered by this certificate was reviewed by the NTEP laboratory to verify all required testing had been completed. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance Number 15-023PA2: This certificate supersedes Certificate of Conformance Number 15-023PA1 and is issued to reactivate Certificate of Conformance Number 15-023PA1 without lapse. Contact information has also been updated.

Certificate of Conformance Number 15-023PA1: This Certificate supersedes Certificate of Conformance number 15-023P and was issued to add model QubeVu DimStation. A Postea, Inc. model QubeVu DimStation was submitted for evaluation. The emphasis of the evaluation was on device design, marking, operation, and performance. Several measurements were performed near maximum, near minimum, and near mid-range for the range listed.

Certificate of Conformance Number 15-023P: A Postea, Inc. model QubeVu Workstation and QubeVu Industrial were 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 40 °C (32 °F to 104 °F). Additional tests were conducted using 100 VAC and 240 VAC power supplies.

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: J. Morrison (OH) 15-023P, 15-023PA1, 15-023PA3

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

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



Postea, Inc.

Multiple Dimension Measuring Device / QubeVu Workstation, DimStation and Industrial

Information Reviewed By: J. Truex (NCWM) 15-023P, 15-023PA1, 15-023PA2, 15-023PA3

Examples of Devices:



QubeVu Workstation



QubeVu DimStation



QubeVu Industrial



Remote Customer/Operator Display