

Model 525 Series Certification/Calibration Information

(form PR-TRL-AL-02.docx)

The sensors go through the certified calibration process to document for record with $\pm 1\%$ accuracy.

The recorded error readings for this sensor was: - .40 - .42

Calibration Date: 2-24-21 S/N: 86327-0421

BY: VR

NOTICE!!!

During Shipment the tipping assembly has been secured to avoid possible damage to the pivot assembly. Lift off collection and remove rubber band from inside to release tipping mechanism before installation.

Campbell Scientific Limited

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Shepshed,
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Telephone: +44 (0) 1509 601141

HygroVUE™10 Calibration Check

Serial Number	Reference RH (%)	Probe RH (%)	Reference Temperature (°C)	Probe Temperature (°C)
E 2759 .	52 .60 .	51 .51 .	24 .06 .	24 .05 .

The Test Standards used have full traceability to UK Standards. All standards have been calibrated by Campbell Scientific or a UKAS accredited calibration service.

Check performed by: *Keri*

Date: *27th July 2021 .*

Campbell Scientific Limited operates a Quality Assurance System approved to BS EN ISO 9001:2015



METER

18/78405
2 23 2021

METER Group, Inc. USA
Certificate of Calibration

Model ATMOS 41
Description All-in-one Weather Station
Serial ATM-410006242

Sensor Verification

	Standard Value	Sensor Value	Limit	Pass/Fail
Solar Radiation (W/m ²)	732 W/m ²	758 W/m ²	± 5%	PASS
Air Temperature (°C)	23.7°C	23.6°C	± 0.3°C	PASS
Zero wind speed (X, Y, total m/s)	0.00, 0.00, 0.00 m/s	0.00, 0.01, 0.01 m/s	-0.03 to 0.03 m/s	PASS
Zero Tilt (°)	0.0°, 0.0°	-0.1°, 0.0°	-0.50° to 0.50°	PASS
Rain	-	-	Pass/Fail	PASS
Lightning Strikes (Strike Count)	-	-	Pass/Fail	PASS
Current Drain	-	-	0.250 mA	PASS
Communication	-	-	Pass/Fail	PASS

Barometric Pressure/RH Daughter Card

Serial 7661

	Standard Value	Sensor Value	Limit	Pass/Fail
Barometric Pressure (kPa)	92.57 kPa	92.65 kPa	± 0.05 kPa	PASS
Relative Humidity High	0.842	0.841	± 0.02	PASS
Relative Humidity Mid	0.514	0.517	± 0.02	PASS
Relative Humidity Low	0.202	0.201	± 0.02	PASS

Technician Saw Leke

Calibration Date 06/30/2021

This certifies that the instrument described above was tested and verified to meet published test limits and accuracy specifications as indicated in the approved calibration routine. Calibrations are valid for one year from "Calibration Date." This certificate may not be reproduced in part or in full without written approval from METER Group, Inc. USA.

Signature 
Doug Cobos, PhD

Date 06/30/2021



CALIBRATION CERTIFICATE

R.M. Young Company certifies that the following sensor

Serial Number WM 186012

was inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

To maintain published specifications, regular maintenance intervals are required.

Date:

8/4/21

By:

Insp. By

R.M. YOUNG COMPANY 2801 Aero Park Drive, Traverse City, Michigan 49686 U.S.A.

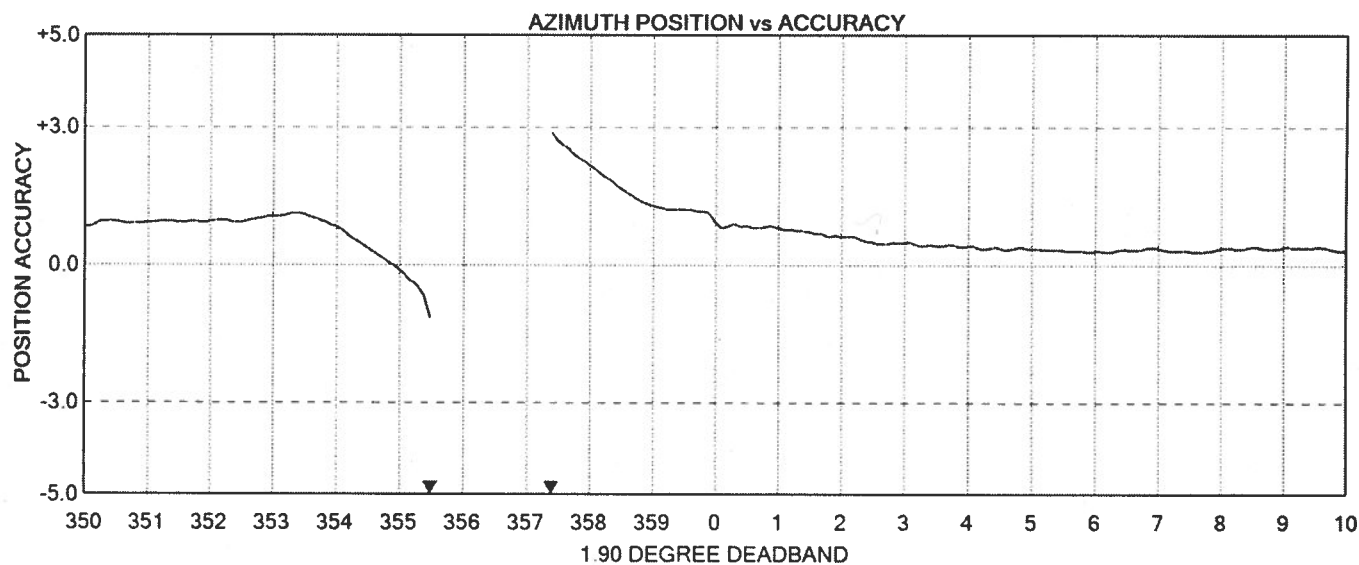
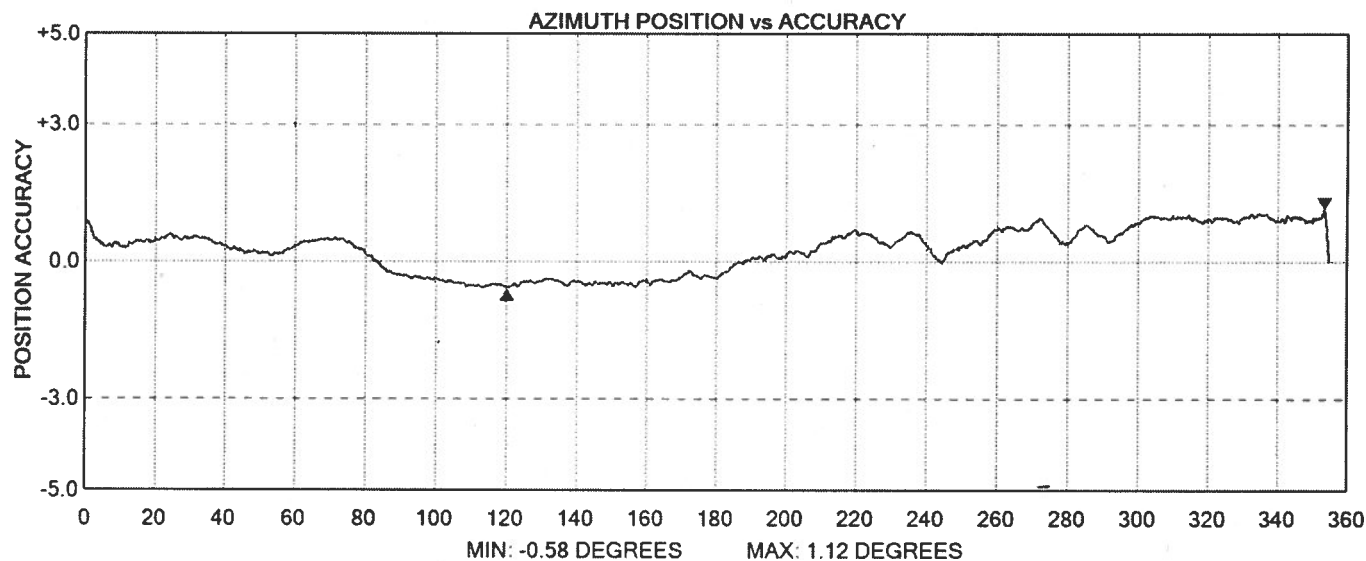
Tel: (231) 946-3980 Fax: (231) 946-4772 Email: met.sales@youngusa.com



R. M. YOUNG COMPANY WIND SENSOR CALIBRATION CERTIFICATE

SENSOR: 05103-5 WIND MONITOR
SENSOR SERIAL NUMBER: WM186012
BEARINGS: SEALED/GREASE LUBE
DATE: AUGUST 04, 2021
WIND SPEED THRESHOLD: PASS
LOW WIND SPEED AMPLITUDE/FREQUENCY TEST: PASS
HIGH WIND SPEED AMPLITUDE/FREQUENCY TEST: PASS
VANE TORQUE TEST: PASS
SPECIAL NOTES:

Inspected By: TH



NOTE: Azimuth Position vs Accuracy graphs are accurate to within 0.5 degrees. The accuracy shown in the potentiometer deadband region between 355 and 0 degrees is the result of no resistance change while position changes. The gap represents the actual deadband (open circuit).

R.M. YOUNG COMPANY 2801 Aero Park Dr, Traverse City, MI 49686 USA
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