



Certificate of Calibration

VTG

| | | | | |
|--------------|------------------------|-------------------------|------|-------|
| Manufacturer | Shortridge Instruments | Calibration Environment | | |
| Product | AirData Multimeter | Temperature | 72 | °F |
| Model | ADM 870C | Rel. Humidity | 46 | % |
| SN | M20176 | Bar. Pressure | 28.7 | in Hg |

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

| Measurement Variable | Test Point | Cal Standard | Allowable Range | | Test Instrument | |
|-------------------------------|------------|--------------|-----------------|------------|-----------------|--|
| | | | Min | Max | | |
| Barometric Pressure (in Hg) | Spec | | -2% - 0.1 | + 2% + 0.1 | | |
| | 1 | 20.0 | | | 19.9 | |
| | 2 | 28.7 | | | 28.7 | |
| | 3 | 33.0 | | | 33.0 | |
| Differential Pressure (in wc) | Spec | | -2%-.001 | +2%+.001 | | |
| | 1 | 10.000 | | | 10.040 | |
| | 2 | 2.000 | | | 2.002 | |
| | 3 | 0.5000 | | | 0.5031 | |
| | 4 | 0.0500 | | | 0.0504 | |
| | 5 | -10.000 | | | -10.040 | |
| | 6 | -0.0500 | | | -0.0497 | |
| Low Velocity (FPM) | Spec | | -3% - 7 | + 3% + 7 | | |
| | 1 | 108 | | | 109 | |
| | 2 | 503 | | | 504 | |
| Temperature °F Temp Probe | | | -0.5 | +0.5 | | |
| | 1 | 78.5 | | | 78.5 | |
| | 2 | 241.3 | | | 242.3 | |
| | 3 | -43.3 | | | -44.5 | |

Indicates out of tolerance condition -----↑

NIST-Traceable Calibration Lab Standards

| Variable | System ID | Calibration Last | Calibration Due |
|-------------|------------|------------------|-----------------|
| Pressure | 7481227 | 27-Oct-21 | 27-Oct-22 |
| Pressure | 7568470 | 27-Oct-21 | 27-Oct-22 |
| Pressure | 1208000080 | 18-Jan-22 | 18-Jan-24 |
| Velocity | 2100190A | 29-Mar-21 | 29-Mar-23 |
| Temperature | 21396189 | 5-Oct-21 | 5-Oct-23 |

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

 October 5, 2022
 Calibration Date