

Shortridge AirData Multimeter ADM-860C



RENTAL AND APPLICATION NOTES:

- Shipping Weight: 21 lbs.
- Air velocity readings are displayed as local density, true air velocity or flow.
- Internal calibration, temperature compensation, range selection and zeroing are fully automatic with each reading. No external adjustments needed.
- Memory can hold up to 100 readings for individual recall and can give a reading total and average.
- The max. recommended length of pneumatic tubing for the measurement of airflow, velocity or differential pressure is 18 ft. Minimum is ID 3/16".

SPECIFICATIONS:

- Weight: 32 oz.
- Dimensions: 6" x 6.4" x 2.7".
- Power: 120VAC, 60 Hz, 8w.
- Output: RS-232.
- Response Time: 1 sec. at high pressure inputs, 7sec. at inputs less than 0.003wc. Extremely low pressure/flow/velocity inputs require longer sample times.
- Air Velocity: 25-29,000 fpm w/ standard pitot tube, 25-5,000 fpm w/ AirFoil probe, 25-2,500 fpm w/ VelGrid.
- Air Bleed: Each pressure measurement requires a small volume of air to pass through the meter. The pressure source must be capable of supplying this volume without significant depletion to ensure accurate measurements.
- Absolute Pressure: 10 - 40 in Hg. Max. safe pressure is 60 psi. Accuracy: $\pm 2\%$ of reading ± 0.1 in Hg from 14-40 in Hg.
- Differential Pressure: 0.0001-60.00wc. Max. safe pressure is 20 psid. Accuracy: $\pm 2\%$ of reading ± 0.001 wc from 0.05-50wc.
- Operational Temperature: 40°F - 104°F.
- Connections: 1/4" OD slip-on for 3/16" ID soft tubing.