



# DA400™ Precision Anemometer



- ✓ High accuracy:  
±1.0% + 1 digit of reading
- ✓ Rugged metal probe and vane
- ✓ Intuitive user interface design
- ✓ Ultra low speed sensitivity down to 50 ft/min
- ✓ Industrial grade enclosure and probe
- ✓ Measure airflow in extreme environments from -20° to 100°C
- ✓ Protective rubber boot & splash-proof option
- ✓ Minimum and Maximum air speed capture
- ✓ Analog voltage output and USB or RS232 Communication options
- ✓ Selection of velocity sample rates
- ✓ Low power, high performance, RISC microprocessor
- ✓ Advanced software algorithm for precision

*The model DA400 Rotating Vane Anemometer is a high quality instrument providing highly accurate air velocity measurements in harsh environments via a user-friendly & intuitive interface. Applications include manufacturing, laboratory, computer rooms, environmental control, flow hood monitoring, and other applications where precise air measurement is required.*

**Pacer Instruments**  
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## SPECIFICATIONS

### Ranges

Probe AP275: 50 to 7800 FPM (feet per minute)  
0.25 to 40.00 MPS (meters per second)

Probe AP100: 300 to 6890 FPM (1.5 to 34.5 MPS)

### Accuracy

2.75" Probes:  $\pm 1.0\%$  of Reading  $\pm 1$  digit  
1.00" Probes:  $\pm 0.50\%$  F.S. + 0.75% Reading + 1 digit

### Resolution

1 FPM or 0.01 MPS

### Display

0.5" LCD, 4 digits, with LED backlight

### Operating Temp

Instrument: 32° to 125°F / 0° to 50°C  
Air Probe: -4° to 210°F / -20° to 100°C

### Power Supply

3 AA alkaline batteries

### Battery Life

Approximately 150 hours

### Dimensions

Instrument: 6.5 inch X 3.25 inch X 1.5 inch  
Probe AP275: 2.75 inch diameter  
Probe AP100: 1 inch diameter

### Instrument Options Available

- Protective Rubber Boot and Splash-Proof Seal
- USB or RS232 communications
- Analog 0-5 Volt output

### Misc. Options Available

- Additional Probes AP100 or AP275
- Extra extension and/or flexible rods
- Longer Cable lengths (stocked in 5ft increments)

### DA400 comes complete with

- 1 pc. rotating vane probe head, choice of AP275 (2.75 inch diameter) or AP100 (1 inch diameter)
- 3 pc. 10" extension rod w/ handle grip
- 1 pc. 10" flexible extension rod
- 1 pc. 5-foot long connecting cable  
Note: cable attached to AP100 probe
- 3 pc. AA 1.5 V alkaline batteries
- 1 pc. carrying case & manual
- NIST-Traceable Calibration Certificate



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