

Kestrel 1000-IS Intrinsically Safe Air Velocity Meter



- » Intrinsically Safe
- » Current Wind Speeds
- » Maximum Wind Gust
- » Average Wind Speed

Performance

Speed Range: 0.6m/s to 40m/s
Calibration Drift: <2% after 100hrs operation at 7m/s

Display

Operating Modes: Current speed (3 second average)
Average speed since power-on (AV)
Maximum 3 second gust since power on (MAX)

Display Update: 1 second

Speed Display: 0.0 - 19.9, 20 - 199 (Kt, m/s, kmh, mph)
00 - 199 (x10 FPM), 0 - 12 (Beaufort Force)

Units: Kt, m/s, kmh, mph, FPM, Beaufort Force

Type: Reflective LCD

Digit Height: 10mm

Physical

Dimensions: 120mm x 41mm x 16mm

Weight: 46g

Environmental

Sealing: Electronics enclosure IP67
[Water resistant to 1m of water], Floats.

Shock: Drop tested to 4m

Temperature: Operating range -20°C to +60°C
Storage range -30°C to +60°C

EMC: CE Marked

Miscellaneous

Battery: Lithium coin cell CR2032, (user replaceable)

Battery Life: 400 hours operation, typical

Auto Switch-off: 15 or 60 minutes after last key-press

Impeller

Diameter: 25mm

High precision jewel bearings. (user replaceable impeller assembly)

The KESTREL Model 1000-IS hand-held air velocity meter holds Certificate of Conformity for Explosion-protected Electrical Equipment (to Ex ia I IP55) issued by SIMTARS.

