



- » 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)

**Display Update** Maximum 3 second gust since power on (MAX)  
**Speed Display** 1 second 0.0 - 19.9, 20 - 199 (Kt, m/s, kmh, mph)  
00 - 199 (x10 FPM), 0 - 12 (Beaufort Force)

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

**Digit Height** Reflective LCD

**Physical** 10mm

*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 15 or

*Auto Switch-off:* 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.

