Kestrel 1000 - IS Air Velocity Meter

Benifits

* Easy to operate
* Light weight
* Small in size
* Intrinsically Safe

Performance

Speed Range:
0.3m/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)

Notes

The KESTREL Model 1000-IS hand-held air velocity meter holds Certificate of Conformity for Explosion-protected Electrical Equipment AUS 02.2538 (to Ex ia 150 degC IP55) issued by SIMTARS on 29 July 2005.