Product data sheet





<u>+44 (0)1946 816600</u>



HEAVY DUTY 5-IN-1 METER: WIND SPEED (AIR VELOCITY), LIGHT, SOUND, TEMPERATURE & HUMIDITY METER

Product features:

- 5-in-1 meter for wind speed, light, sound level, temperature and humidity measurement
- Large LCD with green, yellow and red indication
- Supplied with calibration certificate in sturdy protective pouch
- Max min / AVG / data hold functions
- Low battery indication
- Audible alarm
- Auto power off

Product specifications:

Air velocity specifications:

	Range	Resolution
	0.5 to 30 m/s	0.1
	1.75 to 105 km/h	0.1
Measuring:	98.4 to 5905 ft/min	1.0
	0.97 to 58.3 knots	0.1
	1.11 to 67.0 MPH	0.1
	150 to 9000 CMM	1.0
	787 to 47244 CFM	1.0
Accuracy:	Reading ±3% ±0.3d	

Sampling rate: 2 times/sec

Area set: 0.1 to 9999 CM2, M2 or ft2 Measurement units: m/s, km/h, ft/min, knots, Mph,

Grade indication: Yes

3 colour LED alarm: 3 colour LED indication

Light meter specifications:

Measuring range: 0 Lux to 200K Lux, 0Fc to 20KFc

±3.5% rdg±8dgts.(<10,000Lux) Accuracy:

±4.5% rdg±10dgts.(>10,000Lux)

Spectral response: CIE photopic (CIE human eye response curve)

CIE V\(\lambda\) function f1' ≤6% Spectral accuracy:

f2' ≤2% Cosine response: Data update: 2 times/sec

Photo detector: One silicon photo diode with filter

Visible alarm: 3-colour LED light alarm

> Green light: <500Lux, Yellow light: 500 to 1000Lux, Red light: <1000Lux

Alarm beeps when reading goes above 500Lux.



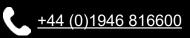






sales@brannan.co.uk

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Sound level meter specifications:

Measuring range: Auto: 35dB to 130dB

Accuracy: ±2.0dB
Display: 4digts
Resolution: 0.1dB

Frequency response: 31.5Hz to 8kHz
Standard: IEC61672-1 CLASS2

Frequency weighting: dBA
Time weighting: (SLOW) 1

Microphone: 1/2 inch Electric condenser microphone
Alarm: Alarm beeps when reading goes above 60dB.

Temperature specifications:

Range: -20 to 60°C (-4 to 140°F) **Accuracy:** +/-1.0°C (+/-1.8°F)

Resolution: 0.1°C/F

Humidity specifications:

Range: 20 to 100%RH

Accuracy: ±5%RH between 35 and 80%RH, otherwise±7%RH

Resolution: 0.1%RH

General instument specifications:

AVG: Average of the latest 10 readings

Audible alarm: Alarm sounds for 20 seconds, pauses for 1 minute then repeats cycle.

(The alarm can be turned on or off by user)

Overloading display: Display "LO" under range and "HI" over range Operating conditions: -20 to 60°C (-4 to 140°F) & 10 to 75 %RH

Storage conditions: -20 to 60°C (-4 to 140°F) & 10 to 75 %RH

Auto power off After approx. 15 minutes of inactivity (Can be switched off by user)

Battery: 3 x AA batteries or USB type-C cable

Battery life: Approx. 30 hours

CE & RoHS/WEEE: Compliant LCD dimensions: 55mm x 48mm

Product dimensions: Net: 242mm x 68mm x 30mm

Gross: 265mm x 85mm x 48mm

Product weights: Meter: 292g

Protective pouch: 45g

Box & instruction sheet: 57.5g

Gross: 397.5g

Description	Barcode	Product no
Heavy duty 5-in-1 meter	5 011405 134943	13/494/0

