Product data sheet





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HEAVY DUTY SOUND LEVEL METER WITH THERMOMETER & HUMIDITY METER

Product features:

- Sound level measurement with temperature and humidity meter
- · Large LCD with green, yellow and red sound level indication
- Supplied with calibration certificate in sturdy protective pouch
- A/C frequency weighting
- Max min / data hold functions
- Selectable response time: FAST/SLOW
- · Low battery indication
- · Audible alarm
- · Auto power off

Product specifications:

Sound level meter specifications:

Measuring range: 30 dB to 130 dB

Accuracy: +/- 2.0 dB

Resolution: 0.1

Frequency range: 31.5hz to 8khz

Dynamic range: 50db

Selectable ranges: Lo: 30dB to 80dB

Med: 50dB to 100dB Hi: 80dB to 130dB Auto: 30dB to 130dB

Frequency weighting: A & C

Time weighting: Fast: 125ms; Slow (1s)

Microphone: 1/2" electret Condenser Microphone

Resolution: 0.1m/s

Visual indication: 3-colour LED for sound level indication

Audible alarm: Alarm sounds for 5 seconds, pauses for 1 minute

then repeats cycle. (The audible alarm is preset to

OFF state and can be turned on by user)

Temperature specifications:

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

Resolution: 0.1







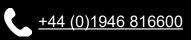






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Humidity specifications:

Range: 20 to 100%RH

Accuracy: ±5%RH between 35 and 75%RH, otherwise±7%RH

Resolution: 1%RH

General instument specifications:

Display: 4 digits LCD display
Sampling time: 2 times/second

Overloading display: Display "LO" under range and "HI" over range

Operating conditions: -20 to 60°C (-4 to 140°F) 10 to 90%RH (non-condensing)

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

Auto power off After approx. 15 minutes of inactivity

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

Battery life: Approx. 30 hours

CE & RoHS/WEEE: Compliant

Hazard information (SDS): See brannan.co.uk for information

LCD dimensions: 55mm x 48mm

Product dimensions: Net: 235mm x 68mm x 30mm

Gross: 265mm x 85mm x 48mm

Product weights: Meter: 286g

Protective pouch: 45g

Box & instruction sheet: 57.5g

Gross: 388.5g

Description	Barcode	Product No
Heavy duty sound level meter	5 011405 134912	13/491/0

