

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





Measurement for life.

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Humidity specifications:

Range: 20 to 100%RH
Accuracy: $\pm 5\%$ RH between 35 and 75%RH, otherwise $\pm 7\%$ RH
Resolution: 1%RH

General instrument 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
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