Product data sheet

Measurement for life.

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.

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
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