

Sound Level Meter PCE-353N



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Sound level meter with graphic display / DC output up to 2.5V / windscreen / Various measuring functions / Frequency weighting A and C / Data memory / For mobile and stationary use / Tripod mount

The sound level meter is a sound meter with an adjustable measuring range of 30 ... 130 dB. The measured values are displayed on the sound level meter as a normal numerical value and also graphically in the measuring range set by the user. A special feature of the sound level meter is the measurement function LEQ (equivalent continuous sound level) in addition to the normal sound measurement. This measurement function is a globally recognized measure of the average sound exposure, taking into account the duration, frequency and intensity of the individual sound events.

In addition to sound measurement, the sound level meter can also be connected to a process interface. The sound level meter generates a linear voltage signal of up to 2.5V. With the tripod mount on the back of the sound level meter can be optimally positioned the application. Thanks to the 9V interface, the sound level meter can be permanently operated stationary.

- ▶ Measuring range 30 ... 130 dB
- ▶ Measurement functions Lp, LAeq, LAe, LCpeak
- ▶ DC output for process connection
- ▶ For stationary and mobile use
- ▶ Backlit LCD display
- ▶ 1/2" microphone with windscreen

Specifications

Measuring range	30 ... 130 dBA
	35 ... 130 dBC
Accuracy	± 1.5 dB (at 1 KHz and 94 dB), Class 2
Resolution digital display	0.1 dB
Resolution bar graph	1 dB
Frequency	A and C
Manual measuring range	30 ... 80 dB
	50 ... 100 dB
	60 ... 110 dB
	80 ... 130 dB
Dynamic display area	50 dB
Display outside the measuring range	"Over" at overrange
	"Under" at measuring range undershoot
Measurement functions	Lp, LAeq, LAe, LCpeak
Data storage	10 readings
DC output	0 ... 2.5V, 25mV / dB
Output resistance	600 Ω
Term review	Fast (125 ms)
	Slow (1 s)
Frequency range	31.5 Hz ... 8 kHz
Power supply battery	9V block battery
Power supply power supply	9VDC, 100-mA
Sound sensor	1/2" polarized condenser microphone
Display	LCD display, 4 digits
Operating conditions	0 ... 40°C / 32 ... 104°F, < 80% rh
working height	< 2000 m / 6561.7 ft
Dimensions	200 x 72 x 35 mm / 7.9 x 2.8 x 1.4 in
Weight	About 290 g / < 1 lb
Standard	IEC 61672-1: 2002 (Class II), JJG 188-2002

More information

Manual



More product info



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