

Sound Level Meter PCE-353N-ICA

Environmental meter PCE-353N-ICA incl. ISO Calibration Certificate Industrial Safety Gauge with graphic display / DC output up to 2.5V / Windbreak / Various measuring functions / Frequency weighting A and C / Data memory / For mobile and stationary use / Tripod mount

The safety device is a sound measuring instrument with an adjustable measuring range of 30 ... 130 dB. On the one hand, the measured values are displayed as a normal numerical value and on the other hand also graphically in the measuring range set by the operator. A special feature of the health and safety measuring instrument 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 the sound measurement, the safety device can also be connected to a process interface. Here, the safety device generates a linear voltage signal of up to 2.5V. With the tripod mount on the back of the safety device can be optimally positioned the application. Thanks to the 9V interface, the safety device 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

Delivery scope:

- 1 x Environmental meter PCE-353N-ICA
- 1 x Connection cable for DC output
- 1 x Windbreak
- 1 x 9V block battery
- 1 x Transport bag
- 1 x Operating Instructions
- 1 x ISO calibration certificate