

SOUND LEVEL MEASURING DEVICE SL300

For professional monitoring of noise levels in the workplace, industry and for measuring noise pollution



As a sound level meter that complies with accuracy class 2 the SL300 is ideally suited for the documentation of machine and environmental noise as well as for workplace or noise hazard measurements.

The large four-digit measuring value display of the SL300 with additional bargraph presentation can easily be read in every environment thanks to the LCD background illumination.

With type A and C frequency weighting, fast/slow time weighting and many more practice-oriented functions this measuring device of the MultiMeasure Professional series is the perfect solution for demanding sound level measurements.

A few practical benefits:

- ***Corresponds to accuracy class 2***
- ***Frequency weighting as per characteristic curves A and C***
- ***Maximum and minimum value memory***
- ***Storage space for 50 measured values***
- ***Reversible time weighting (fast / slow)***
- ***Display illumination***
- ***Bargraph display***
- ***1/4-inch tripod thread***

TECHNICAL DATA

General information

Article number	3.510.005.010
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Sound values

Min. sound [dB(A)]	30
Max. sound [dB(A)]	130
Accuracy	Class 2 according to DIN EN 61.672
Resolution	0.1 dB
Frequency range	31.5 Hz – 8 kHz
Dynamic range	50 dB
Partial measuring ranges	30...80 dB, 50...100 dB, 80...130 dB, 30...130 dB (auto)
Response time	500 ms

Memory organisation

Internal flash memory	For 50 measured values
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Display

LCD
Monochrome

Housing design

Plastics

Power supply

Internal (battery)	
Battery type	1 x 9 V battery

Operating time

> 30 h

Ambient conditions

Operation - min. temperature [°C]	0
Operation - max. temperature [°C]	40
Operation – min. relative humidity [% r.F.]	10

TECHNICAL DATA

Operation – max. relative humidity (non-condensing) [%]	90
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Dimensions

Length (packaging excluded) [mm]	210
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Width (packaging excluded) [mm]	55
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Height (packaging excluded) [mm]	32
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Weight

(packaging excluded) [kg]	0.23
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