

Laserliner

SoundTest-Master



Noise level measuring instrument with integrated long-term storage

This precision noise level measuring instrument uses frequency weighting filters according to dB (A) and dB (C) standard curves. A choice of two time weighting factors (fast/slow) allows optimum adaptation to noise dynamics. The selectable analogue indicator provides a visual assessment of the test area. The measurement is taken with a long-term recording function with 16,000 storage points or real-time logging on a PC using the supplied software. The device has analogue DC and AC outputs and an illuminated display. Calibration and adjustment is by means of a standard 94 dB/1 kHz noise level calibrator.

- Precise measurement of noise levels with frequency weighting filter according to dB (A) and dB (C) standard curves
- Selectable time weighting factors for optimum adaptation to noise dynamics
- Long-term recording function with 16,000 storage points or real-time logging on PC
- Selectable analogue indicator for visual assessment

TECHNICAL SPECIFICATIONS

MEASURED VARIABLE	Sound pressure level
MODE	dB(A) dB(C) Time weighting fast/slow
MEASUREMENT RANGE	30 dB ... 130 dB (automatic)
SOUND PRESSURE LEVEL	40 dB ... 80 dB (manual) 50 dB ... 90 dB (manual) 60 dB ... 100 dB (manual) 70 dB ... 110 dB (manual) 80 dB ... 120 dB (manual) 90 dB ... 130 dB (manual)
ACCURACY SOUND PRESSURE LEVEL	± 1.5 dB (reference condition 94 dB / 1 kHz)
RESOLUTION SOUND PRESSURE LEVEL	0,1 dB
SENSOR TYPE	Microphone: Electret condenser
FREQUENZBEREICH SCHALLDRUCKPEGEL	31.5 Hz ... 8 kHz
PORT	Optoisolated RS232
MEMORY	16000 measurements
POWER SOURCE	6 x 1.5V LR03 (AAA)
DIMENSIONS (W X H X D)	35 mm x 80 mm x 245 mm x #
WEIGHT	350 g

