

SL400 SOUND LEVEL METER



The SL400 sound level meter fulfills the requirements for sound level meters of accuracy class 2 according to IEC 61672-1 as well as ANSI S1.4 and is ideally suited for the documentation of machine noise or environmental noise, for work table measurements or expert assessments.

The four-digit display with additional bar graph is very easy to read in any environment thanks to the switchable LCD backlight.

The SL400 sound level meter is a perfect solution for demanding sound level measurements with A- and C-frequency evaluation, fast / slow time evaluation and many other practice-oriented functions.

The handy format, the low weight and the key arrangement optimized for one-hand operation make this measuring instrument an ideal basic equipment for standard measurements in the areas of industry, work and environmental protection.

Additionally, the SL400 is equipped with a live logging function and has a data memory for recording up to 32,700 measured values. The data obtained can be easily transferred to a PC via USB for software-supported analysis. The SL400 can also be attached to the supplied mini-tripod for logging or permanent measuring projects.

Furthermore, an integrated 3.5 mm jack provides connectivity for frequency analyzers or X-Y plotter.

Benefits in practice:

- Accuracy class 2 according to IEC 61672
- Frequency evaluation according to characteristic curves A and C
- Maximum and minimum value display
- Memory for up to 32,700 readings
- Switchable time evaluation (fast / slow)
- Display light
- Bar graph display
- 1/4-inch tripod thread
- Data logger function
- Analysis software
- USB port and 3.5 mm jack socket
- Including calibration certificate

Technical details:

- Measuring range: 30-130 dB
- Accuracy: IEC 61672-1 Class 2, ANSI S1.4 Type 2
- Resolution: 0.1 dB
- Frequency range: 31.5 Hz - 8 kHz
- Dynamic range: 50 dB
- Partial measuring range (low): 30 ... 80 dB
- Partial measuring range (medium): 50 ... 100 dB
- Partial measuring range (high): 80 ... 130 dB
- Partial measuring range (auto): 30 ... 130 dB
- Response time: 500 ms
- Time evaluation: Slow (S) 1 s, Fast (F) 125 ms
- Microphone: Electret condenser microphone
- Power supply: 9 V block IEC 6LR61 / 6P22
- Operating time without battery change:> 30 h
- Operating Conditions: 0 to 40°C, 10 to 90% RH.
- Dimensions (L x W x H): 255 x 63 x 45 mm
- Weight: 305 g

"Scope of delivery: Measuring instrument incl. Calibration certificate, power supply, mini tripod, USB cable, analysis software, operating manual and transport case