

Product Name :
Sound level meter

Product Code :
ELE-0018



Description :

Sound level meter

Technical Specification :

The Sound Level Meter is used to measure sound level in decibels (dB). An output port on the meter records sound level data. A switch on the meter is used to select DBA or DBC weighting. The Sound Level Meter also has an LCD panel, which allows you to use it as a stand-alone device. A dB range switch and a response switch provide flexibility in the standalone mode.

Specification:

1. Accuracy : +/- 1.5 dB (under reference conditions)

2. Frequency range : 31.5 Hz to 8.5 KHz

3. Linearity range : 50 dB

4. Measuring level : 30-130dBA, 35-130dBC

5. Frequency weighting : A, C

6. Digital display : 5 digits

Resolution : 0.1dB

Display : 0.5 secretary

7. Bar graph : 50dB scale at 1dB step for monitoring current sound pressure level display period: 50mS

8. Level range : 30-80 dB, 50-100 dB, 60-110 dB, 80-130 dB

9. Over indicate over range : Under indicate less then lower limit of the range

10. AC output : 0.707 Vrms at FS output impedance approx 600T

11. DC output : 10mV/dB output impedance approx 100T

12. Time waiting : Fast/Slow

13. Microphone : 1½ inch Electret Condenser microphone

14. Max : Maximum hold

15. Power supply : 4*AA 1.5V alkaline cells or DC 6V 100(Maximum) hold

16. Self calibration time : 10 sec (every turn on)

17. Operating temperature : 0°C to 40°C

Operating humidity : 10% to 80%RH

18. Storage temperature : -10°C to 60°C

Storage humidity : 10% to 70%RH

19. Dimension : 265(L)*72(W)*35(H)mm

20. Weight : 300g (including batteries)

21. USB & Data Storage : May record directly 43690 noise data (special user may expand to 131070). May connect with PC through USB, have functions of data record downloading, real

time data sampling analysis & printing graph & data etc.

Civil Mechanical India

Website: www.civilmechanicalindia.com, **Email:** export@civilmechanicalindia.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773