Sound Level Meter with Data Logging

Description:

The S610 Sound Level Meter with Data Logging is a handheld Class 2 sound meter.

Features:

- USB data logging with 14,000 records
- USB interface software of data download to PC
- Auto Ranging from 30dB to 130dB at frequencies between 31.5HZand 8 KHZ
- Low, Medium, High Ranges
- Display with 0.1dB steps on a 4 digit backlit LCD
- A and C frequency weighting
- Max/Min values display
- Data Hold
- Auto Power-Off

Applications:

- Workplace Noise measurements – keep employee performance at their peak by limiting noise and other distractions. Noise can shorten attention spans or cause permanent damage if loud enough.
- Measure Fast or Slow values to determine hearing protection needs.
- Construction noise, power equipment of individuals and unmuffled industrial noise penetrating residential areas.
- Most city ordinances prohibit sound above a certain threshold intensity from trespassing over property lines at night.
- The U.S. Occupational Safety and Health Administration has established maximum noise levels for occupational exposure, beyond which mitigation measures or personal protective equipment is required.

2 YEARS WARRANTY

$C \in$

Technical Specifications

Display	4 digit backlit LCD with max reading 2000
Resolution	0.1dB
Accuracy	±1.5dB (ref 94dB @1KHz)
Sample Rate	0.5 sec.
Frequency Range	31.5Hz~8KHz
Measuring level range	A Weighting 30 ~130dB C Weighting 35~130dB
Frequency weighting	A/C
Data Logging	14,000 records
Microphone	1/2 inch Electret condenser microphone
Time weighting	FAST(125mS), SLOW(1 sec)
Level ranges	30 ~130dB (Auto Range)
Dynamic range	50dB
Power Supply	9v Battery
Battery Life	About 50 hrs (alkaline Battery)
Dimensions	200mm(L) x 55mm(W) x 38mm(H)
Weight	158g (Including batteries)

Includes:

- S610 Meter
- User Manual
- 9V Battery
- Carrying Case
- Windscreen
- USB Cable
- Software CD

This instrument conforms to:

- IEC 61672-1 Class 2
- IEC651 Type2
- ANSI S1.4 Type2

S610 Software Screenshot