

Class 2 Integrating Sound Level Meter

ST-107S

Comply with IEC-61672-1:2002 class 2
CNS NO 7129 Type2 JJG-188-2002-class 2

Applications

- ◆ Evaluation of environmental noise
- ◆ Measurements of noise at workplaces
- ◆ Assessment of product noise



Specifications

USB interface	Yes
Data stored	Up to 37,000 records
Micro SD card	Up to 32G
Bargraph display	Yes
Display	3½" digit backlit LCD display with maximum reading of 1999
Display refresh rate	1 time / second
Applicable specifications	IEC 61672-1:2002 Class2, JJG-188-2002 Class2 IEC60651:1979 TYPE 2, IEC60804:2000 TYPE 2 ANSI S1.4:1983 Type2
Microphone	1/2" pre-polarized condenser microphone build in preamplifier:1V/Pa@250HZ, frequency range: 20 Hz~12.5 kHz, Thermal noise: <25 dB(A)
Measurement items	Lxyp, Lxmax, Lxmin, Lxeq, LAE, Lcpeak, RT60 Note : x is A, C, Z Y is F, S, I
Measurement range	30dB~130dB (A) / 35dB~130dB (C) / 40dB~130dB (Z)
Dynamic range	100dB
Integrate time setup	Manual, 10s, 1m, 5m, 10m, 30m, 1h, 8h, 16h, 24h
Maximum peak C sound level Measurement	70~133dB
Time weighting	Fast, Slow, Impulse, Peak
Frequency weighting	A/C/Z
Frequency range	20Hz~8KHz
DC output	2Vdc / 130dB
AC output	2Vrms / 130dB
Battery life	About 30 hours
Power	LR6 1.5Vx4 Alkaline batteries
External power	AC 100V~240V to DC 6~9V
Dimension	285x90x39mm (LxWxH)
Weight	500g (including batteries)

