

Data Sheet

SLM 1353M

Integrating Sound Level Meter (USB Interface)

FEATURES

- Compliant with IEC 61672-1 class2 standard
- Easy to use for Equivalent continuous sound pressure level, Sound exposure level, Percentile level, Maximum level and Minimum level can be measured simultaneously.
- Dynamic range of 60dB
- Five range from 30 to 130dB
- A&C Frequency Weighting
- Impulse/Fast/Slow dynamic characteristic
- 32000 Records Data logging function
- USB interface
- Sound Level Alarm Output
- Real time clock with calendar

SPECIFICATIONS :

Applicable standards	IEC61672-1 : 2003 Class 2 , IEC60651 : 1979 Type 2 IEC60804 : 1985 Type 2 , ANSI S1.4 : 1983 Type 2
Measurement item	SPL, Leq, SEL, MaxL, MinL, Ln (5%, 10%, 50%, 90%, 95%)
Measurement level	30dB to 130dB
Linearity range	60dB
Measurement frequency range	31.5 Hz to 8KHz
Frequency weight	A and C
Time weight	Fast, Slow and Impulse
Microphone	1/2 inch Electret condenser microphone
Measurement level range	5 ranges in 10-dB step : 30 ~ 90dB , 40 ~ 100dB , 50 ~ 110dB , 60 ~ 120dB , 70 ~ 130dB
Digital display	4 digit LCD , 0.1dB resolution, updated every 1s
Quasi-analog bar indicator	1-dB steps, 60dB display range , updated every 0.125s
Display Warning function	Displayed at the upper limit
Overrange indicator	Displayed at the lower limit
Underrange indicator	
Analog AC / DC output	1Vrms (at full scale) , 10mVDC / dB
Power supply	Four 1.5V LR-6/AA size cell, AC adapter
Battery Life	about 24 hours
Operating temperature , humidity	-10°C to 50°C (14°F to 122°F) R.H. < 90% non-condensing
Dimensions	265 (L) x 72(W) x 21(H)mm, (10.4" L x 2.8" W x 0.8" H)
Weight	Approx. 310g
Accessories	Instruction manual , Battery , Carrying case , Adjustment screwdriver , Software , Wind shield, USB connecting cable, 3.5φ plug
Optional accessories	Microphone extension cable, Tripod.

