

# Data Sheet

## SLM 52N

### Sound Level Meter

#### FEATURES

- Compliant with IEC 61672-1 class2 standard
- Five range from 30 to 130dB
- 0.1dB Resolution
- 60dB Dynamic range
- A&C Frequency weighting
- Fast/Slow Time weighting
- Maximum function
- Manual data memory and read

#### SPECIFICATIONS

Applicable standards	IEC61672-1 : 2002 Class 2 , IEC60651 : 1979 Type 2 ANSI S1.4 : 1983 Type 2
Digital display	4 digit LCD , 0.1dB resolution, updated every 1s
Measurement level	30dB to 130dB
Measurement frequency range	31.5 Hz to 8KHz
Frequency weighting	A and C
Time weighting	Fast and Slow
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
Quasi-analog bar indicator	1-dB steps, 60dB display range , updated every 0.125s
Display warning function	
Overrange indicator	<b>OV</b> Displayed at the upper limit
Underrange indicator	<b>Un</b> Displayed at the lower limit
Manual data memory capacity	99 sets
Analog AC / DC output	1Vrms ( at full scale ) , 10mVDC / dB
Power supply	One 9V battery (006P or IEC6F22)
Battery Life	about 25 hours
Operating temperature & humidity	-10°C to 50°C (14°F to 122°F) R.H. < 90% non-condensing
Storage temperature & humidity	-10°C to 60°C (14°F to 140°F) R.H. < 70% non-condensing
Dimensions	264x68x27mm
Weight	Approx. 260g
Accessories	Battery 9V, Screwdriver (adjustment), 3.5φ plug (3pin AC/DC output), Carrying case, Instruction manual.

