



Specification

SP79

Sound Level Meter



All specified accuracies are at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, <70% R.H. for 1 year.
Temperature coefficient: 0.1 x (specified accuracy) per $^{\circ}\text{C}$, (0°C to 18°C , 28°C to 50°C).

Measuring level range: 32 – 130dB

Frequency range: 20Hz – 8kHz

Frequency weighting: A or C

Level ranges: Lo: 30 – 90dB

Med: 50 – 110dB

Hi: 70 – 130dB

Accuracy: $\pm 1.4\text{dB}$ (at reference conditions)

Dynamic range: 60dB

Time weighting: Fast or slow

Microphone: $\frac{1}{2}$ inch electret condenser microphone

AC output: 1 Vrms at full scale (full scale is the upper limit of the selected level range)

DC output: 10mV/dB



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GENERAL

Display: Liquid crystal display

Digital, 4 digits, updates 2/sec

Bar-graph, 30 segments, updates 10/sec

Power: 1 x 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A)

Continuous operating time: 60 hours typical (alkaline battery)

Auto power off: after approx. 30 minutes

Low battery indication: The  symbol is displayed

Dimensions: 258(L) x 55(W) x 25(D) mm

Weight: Approx. 185g including battery

Includes: 1 x 9V battery, windscreen, storage case, instructions

ENVIRONMENTAL

Operating conditions: Temperature: 0°C to 40°C

Relative humidity: 10 to 90% R.H.

Storage conditions: Temperature: -10°C to 60°C

Relative humidity: 10 to 75% R.H.

FUNCTIONALITY

Complies with BS EN 61672-1 Class 2

EMC

Conforms to BS EN 61326-1