Specification
SP79
Sound Level Meter



All specified accuracies are at 23°C ± 5°C, <70% R.H. for 1 year.
Temperature coefficient: 0.1 x (specified accuracy) per °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: ±1.4dB (at reference conditions)
Dynamic range: 60dB
Time weighting: Fast or slow
Microphone: ½ 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