

NM102 Sound Level Meter

NoiseMeters Limited

www.noisemeters.com

Noise Measurement Made Easy

- » Easy to use
- » Clear back-lit Display
- » Auto Ranging 30 to 130 dB(A)
- » A and C Frequency Weighting
- » Fast and Slow Time Weighting
- » Maximum and Minimum

The NM102 is a pocket-sized Sound Level Meter with more features than many more expensive units. Designed to be easy to use, it covers a very wide measurement range (30 to 130 dBA) with automatic range selection.

The meter is housed in a strong case that is shaped to reduce acoustic reflections. If you have any special measurement requirements, it is only a button push to select A or C Frequency Weighting or Fast/Slow Time Response.



Order Code NM102 Includes:

- » Sound Level Meter
- » Wind Shield
- » Battery
- » Soft Carrying Case

Noise Measurement Kit With Calibrator

The NM102 Sound Level Meter is available as part of a Noise Measurement Kit, order code NM102-K, which includes:

- » Sound Level Meter
- » Sound Level Calibrator
- » Wind Shield
- » Hard Carrying Case (for all items)
- » Soft Carrying Case (for Meter)
- » Batteries for Meter and Calibrator
- » User Manual for Meter and Calibrator



For applications that need a calibrator too, use order code NM102-K.

Specifications

Display	4 Digit LCD with back light, update rate 0.5s
Indicators	Low battery, freq. & time weighting, min/max
Resolution / Accuracy	0.1dB / ± 1.5 dB (ref 94 dB @ 1 kHz)
Frequency Range	31.5 Hz to 8 kHz
Level Range	30 to 130 dB(A), 35 to 130 dB(C)
Frequency Weighting	A and C
Microphone	1/2" electret condenser
Time Weighting	Fast (125ms) and Slow (1s)
Dynamic Range	50 dB
Battery	One 9V battery (supplied)
Battery Life	About 50 hours (alkaline battery)
Temp. & Humidity	5°C to 40°C, below 80% RH
Dimensions	8" x 2.1" x 1.5", 6 ounce (inc. battery) 200 x 55 x 38, 170g (including battery)

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