GENERAL® Digital Sound Level Meter

Ideal for measuring the sound level of automotive, environmental or industrial noise

Features:

- Large backlit LCD plus analog bar graph
- Meets IEC651 TYPE 2 and ANSI S1.4 TYPE 2 standards
- Wide input frequency range with “A” weighting
- Fast (125 ms) time response
- Autoranging
- MIN/ MAX reading hold with backlight
- Analog output for chart recording
- Auto power off after 20 minutes
- Low battery indicator
- Rugged ABS plastic housing
- CE approved

The DSM8930 sports ±2dB accuracy and 0.1dB resolution

Measuring up to 130dB, the DSM8930 can check whether tailpipe noise exceeds limits

No. DSM8930

Digital Sound Level Meter

Specifications:

Measurement Range:
40 to 130dB over four ranges (40 to 70dB, 60 to 90dB, 80 to 110dB, 100 to 130dB)

Measurement Accuracy: ±2dB @ 94dB & 1 kHz

Measuring Resolution: 0.7dB

Frequency Range: 100 Hz to 8.3 kHz

Frequency Weighting: "A" type

Time Weighting: Fast (125 ms) time constant

Digital Display Type: 4-digit (4000 count) LCD

Digital Display Resolution: 0.1dB

Digital Display Update Period: 160 ms

Analog Bar Graph Resolution: 1dB

Analog Bar Graph Update Period: 40 ms

Analog Output Type/Amplitude: 0 to 0.707VAC full-scale

Auto Power Off Trigger: 20 minutes of inactivity

Sensor Type:
½ in. (12mm) Electret condenser microphone

Operating Temperature::
32° to 122°F (0° to 50°C) @ 10 to 95% RH

Dimensions: 8.1 x 2.4 x 1.6 in. (207 x 61 x 40mm)

Weight: 5.2 oz. (147g)

Power Source: 1 "9V" battery (included)

Battery Life: 30 hours (typical)

Warranty: 1 year (limited)

Includes:

Meter, Wind Shield Ball, 1 "9V" Battery, User's Manual

CE

No. DSM8930

State motorcycle noise laws take into account the bike's speed, age and engine displacement

OSHA's permissible exposure limit (PEL) for noise is 90dBA, time-weighted over an 8 hour day

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