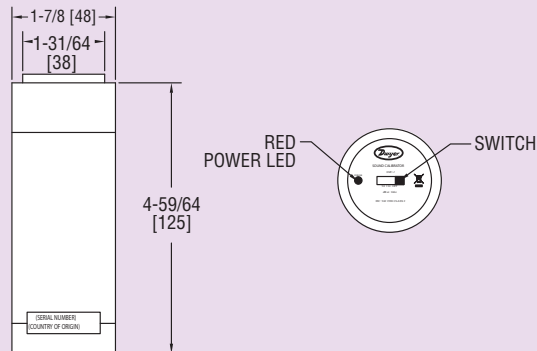




Model
SMC-1

SMC-1 Sound Calibrator

Set Standard Noise Levels at Either 94 or 114 dB



Model SMC-1 Sound Calibrator is ideal for setting standard noise levels at 94 dB and 114 dB. The SMC-1 has an output frequency of 1 kHz, $\pm 4\%$. This unit functions best when environment conditions have a temperature of 68°F (20°C), relative humidity of 65%, and an atmospheric pressure of 29.9" Hg (1013 mbar). The SMC-1 features a measuring accuracy of ± 0.5 dB, a low battery indicator, and a 1/2" microphone adapter. This calibrator has a compact design that allows the user to conveniently operate and store the product. At 10 oz (283 g) including the battery, the SMC-1 is also extremely lightweight. Each unit includes carrying case, battery, and instruction manual. This calibrator is ideal for calibrating sound meters such as the Dwyer Series SM-100.

Model SMC-1, Sound Calibrator

SPECIFICATIONS

Selectable Sound Output Level: 94 dB or 114 dB.

Output Frequency: 1 kHz $\pm 4\%$.

Accuracy: ± 0.5 dB.

Temperature Limits:

Operating: 32 to 104°F (0 to 40°C);

Storage: 14 to 140°F (-10 to 60°C).

Humidity Limits:

Operating: 10 to 70% RH;

Storage: 10 to 90% RH.

Elevation Limit: Maximum 6562 ft (2000 m) above sea level.

Power Requirements: 9 V alkaline battery, included, user replaceable.

Battery Life: 20 hours with alkaline battery (approx.).

Size: 1.89" diameter x 4.92" length (48 mm diameter x 125 mm length).

Weight: 10 oz (283 g).

Standards: ANSI S1.40-1984 and IEC 942 1988 Class 2.