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, ±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, 9V battery, and instruction manual. This calibrator is ideal for calibrating sound meters such as the Dwyer Series SM-100.

SPECIFICATIONS

- Selectable Sound Output Level: 94 dB or 114 dB.
- Output Frequency: 1 kHz ±4%.
- Accuracy: ±0.5 dB.
- Temperature Limits: 32 to 104°F (0 to 40°C).
- Storage Temperature Limits: 14 to 140°F (-10 to 60°C).
- Humidity Limits: 10 to 70% RH.
- Humidity Storage Limits: 10 to 90% RH.
- Elevation Limit: Maximum 6562 ft (2000 m) above sea level.
- Battery: Included 9V.
- Battery Life: Approximately 20 hours with alkaline battery.
- Size: 1.89” diameter x 4.92” length (48 mm diameter x 125 mm length).
- Weight: 10 oz (283 g).