



An ISO 9001:2008 Company

SOUND LEVEL CALIBRATOR Model TM-100

APPLICATIONS:

- * Handy sound source for quick & easy calibration of sound level meters & sound measuring systems.
- * The calibrator employs solid state integrated circuitry that provides accurate & stable performance.
- * Sensitivity calibration of microphones.
- * Suitable for field & laboratory use.

GENERAL SPECIFICATIONS :

- * **Standard** : Confirms to IEC 942 Class 1.
- * **Output Sound Level** : 94dB and 114dB under reference.
- * **Accuracy** : $\pm 0.3\text{dB}$ (20°C , 760 mm Hg)
- * **Frequency of $1000 \pm 0.1\%$ Hz allows calibration with A / B / C or D weighting networks or linear.**
- * **Low Battery Indicator (LED).**
- * **Operating Temperature range:** $-10 \sim +50^{\circ}\text{C}$
- * **Storage Temperature range** : $-40 \sim +65^{\circ}\text{C}$ (with batteries removed).
- * **Temperature Coefficient** : $0 \sim 0.01 \text{ dB} / ^{\circ}\text{C}$
- * **Calibration of "1 and 1/2" ceramic microphones.**
- * **Altitude Effects** : Approx. 0.1 dB decrease for each 2000 feet increase in altitude from sea level to 12,000 feet elevation, or comparable atmospheric pressure change (approx. every 50 mm of Hg decrease).
- * **Battery** : Single 9V transistor Battery. (NEDA 1604)
- * **Battery Life** : Approx 100 hours.
- * **Dimension** : 48 x 48 x 138mm
- * **Weight** : Approx. 250g.



Preliminary Data

All Specifications are subject to change without prior notice



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