SOUND LEVEL CALIBRATOR
Model - TM-100 for
KM 928 MK-1 / KM 929 MK-1
KM 8023



This Calibrator is designed to check the accuracy of many types of Sound Level Instruments.

✳ FUNCTIONS :

- **Standard :** Confirms to IEC 942 1988 Class 1.
- **Output Sound Level :** 94dB and 114dB under reference.
- **Frequency of 1000 ± 0.1% Hz allows calibration with A / B / C or D weighting networks or linear.**
- **Accuracy :** ±0.3dB (20°C, 760 mm Hg)
- **Operating Temperature:** -10 ~ +50°C
- **Storage Temperature :** -40 ~ +65°C (with batteries removed).
- **Temperature Coefficient :** 0 ~ 0.01 dB / °C

✳ ADDITIONAL FUNCTIONS :

- Calibration of ½" & 1" 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).

✳ **Power supply :** Single 9V Battery.

✳ **Dimension :** Approx. 48 x 48 x 138 mm

✳ **Weight :** Approx. 250 g.(including battery)

✳ **Accessories :** User Manual & Carrying case.

DIGITAL LUX METER
Model KM-LUX-99



CE Approved

✳ **Display :** 3½ Digit 18mm(0.7"), 1999 counts LCD Display.

✳ FUNCTIONS :

- **Measurement Range :** 1 ~ 1,00,000 Lux (3 ranges) 0 ~ 1,999 Lux; 2,000 ~ 19,999 Lux ; 20,000 ~ 1,00,000 Lux
- **Resolution :** 1 / 10 / 100 Lux
- **Accuracy :** 0 ~ 1,999 : ± (4%rdg + 2 digits); 2,000 ~ 19,999 : ± (4%rdg + 2 digits); 20,000 ~ 100,000 : ± (5%rdg + 2 digits)
- **Over-Input :** Indication of " I ".
- **Sampling Time :** 0.4 second.
- **Operating Temperature :** 0°C ~ 50°C (32°F ~ 122°F)
- **Operating Humidity :** less than 80% R.H.

✳ ADDITIONAL FUNCTIONS :

- Display in LUX
- LSI-circuit use provides high reliability & durability.
- High Accuracy in measuring.
- Auto zero Adjustment
- Permits a wide range of light measurements.
- Compact, light weight, & excellent operation
- Data Hold Function
- LCD display can clearly read out even in High Ambient Light
- Separate LIGHT SENSOR allows user take measurements at an optimum position.
- Low Battery Indication & Auto Power Off.

✳ **Power supply :** DC 9V Battery consumption current approx. 2mA. (6F22)

✳ **Dimension :** Approx. 130 x 72 x 30 mm
Approx. Photo Detector : 105 x 58 x 28.

✳ **Weight :** Approx. 170g. (including battery)

✳ **Accessories :** User Manual, Carrying Case & Battery.

DIGITAL LUX METER
Model KM-LUX-200K



✳ **Display :** 3½ Digits 1999 Counts LCD Display.

✳ **1FC = 10.76 LUX. (FC-Foot Candle)**

✳ FUNCTIONS :

- **Measurement Range :** 0-200 / 2,000 / 20,000 / 2,00,000 Lux
  0-20 / 200 / 2,000 / 20,000 FC
- **Resolution :** 0.1 Lux / 0.01FC
- **Accuracy :** <20,000 Lux / 2,000FC ± (4%rdg ± 10dgts) >20,000 Lux / 2,000FC range ± (5%rdg ± 10dgts)
- **Sampling Time :** 2 times / second.
- **Repeatability :** ±2%
- **Temperature Characteristic :** ± 1% / °C

✳ ADDITIONAL FUNCTIONS :

- Display in LUX & Foot Candle (FC).
- Data hold & Peak Hold function
- Light Sensor.
- High Accuracy in measuring.
- Overrange indication of " 1 ".
- LSI circuit use provides high reliability & durability.
- Auto zero Adjustment
- Photo Detector : One silicon photo diode with filter.
- Permits a wide range of light measurements.
- Compact, light weight, & excellent operation
- LCD display can clearly read out even in High Ambient Light
- Separate LIGHT SENSOR allows user take measurements at an optimum position.
- Low battery indication.

✳ **Power supply :** Standard DC 9V Battery.

✳ **Dimension Meter :** Approx. 162(H) x 78(W) x 43(D)mm .
Approx. Photo Detector : 105(H) x 58(W) x 28(D)mm

✳ **Weight :** Approx. 310g. (including battery)

✳ **Accessories :** User Manual, Carrying Case, Holster & Battery.