

Special product features



ENVIRONMENTAL TESTERS

Sound Level Meter

Model 17542

Designed to assess sound ambiances or nuisances in accordance with international safety and quality standards

► SPECIFICATIONS

| | |
|------------------------|--|
| MODEL | 17542 |
| MEASUREMENTS | |
| Measurement Range | 35 to 80dB 50 to 100dB 80 to 130dB |
| Measurement Rate | 2.5 times per second |
| Dynamic Range | 50db |
| Frequency Range | 31.5 to 8000Hz |
| Accuracy | ±1.5dB (ref. 94dB@1kHz) |
| Resolution | 0.1dB |
| Precision | ±2.0dB |
| Display | 2000-count |
| Sensor Type | 0.5" electric (prepolarized) condenser microphone True RMS measurement with independent frequency weighting |
| Applicable Standard | IEC 651 type 2/ANSI S 1.4 type 2/JIS C 1502 |
| Auxiliary Output | DC output: 10mV/dB – 50Ω AC output: 1.0Vrms – 600Ω |
| Frequency Weighting | Curves A and C |
| Time Weighting | S (slow) and F (fast) |
| GENERAL | |
| Display | 3½ digit liquid crystal display (LCD), 2000-count |
| Operating Temperature | 32° to 122°F (0° to 50°C), 80% RH without condensation |
| Storage Temperature | -4° to 140°F (-20° to 60°C), 0 to 80% RH without battery |
| Power Source | One 9V Alkaline battery (included) |
| Low Battery Indication | [- +] is displayed when battery voltage is low |
| Dimensions | 9.33 x 2.38 x 1.5" (237 x 60.5 x 38mm) |
| Weight | 8.11 oz (230g) including battery |

| UTE P/N | DESCRIPTION |
|----------|-------------------|
| 17542-00 | Sound Level Meter |

► PRODUCT INCLUDES

Shockproof holster, protective foam microphone cap, screwdriver, male jack connector, assembly screw for camera type tripod, 9V battery and user manual.



Tripod mounting screw allows for mounting on a standard tripod stand. (Tripod not included)



► FEATURES

- Easy one-hand operation
- Measures sound according to the sensitivity of the human ear
- Max function
- Three measurement ranges from 35 to 130dB
- Accuracy ±1.5dB (ref. 94dB@1kHz)
- Two time weighting curves: S (slow) - 550ms and F (fast) - 55ms
- Two frequency weighting curves: A and C
- Auxiliary output for recording
- Tripod mountable
- 2000-count backlit LCD
- Lightweight and compact
- Includes rugged, shockproof, protective and dirt resistant gray holster