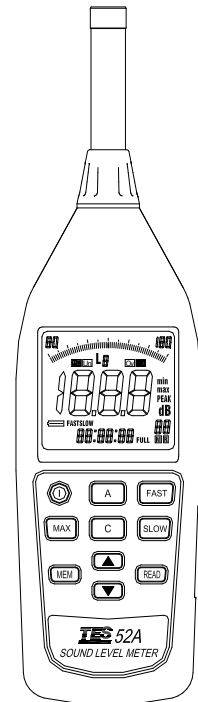


# **TES 52A Sound Level Meter**

## **FEATURES :**

- 0.1dB Resolution
- 60dB Dynamic range
- 30 to 130dB Measurement ranges
- A&C Frequency weighting
- Fast/Slow Time weighting
- Maximum/Minimum/Peak sound level with time
- Manual data memory and read



## **SPECIFICATIONS :**

|   |   |
|---|---|
| <b>Applicable standards</b>                 | IEC 61672-1: 2013 Class 2, ANSI S1.4: 1983 Type 2   |
| <b>Digital display</b>                      | 4 digit LCD , 0.1dB resolution, updated every 1s  |
| <b>Measurement level</b>                    | 30dB to 130dB   |
| <b>Measurement frequency range</b>          | 31.5 Hz to 8kHz   |
| <b>Frequency weighting</b>                  | A and C   |
| <b>Time weighting</b>                       | Fast and Slow   |
| <b>Accuracy</b>                             | ±1.0dB (ref 94dB @1kHz)   |
| <b>Microphone</b>                           | 1/2 inch Electret condenser microphone  |
| <b>Measurement level range</b>              | 6 ranges in 10-dB step : 20 ~ 80dB , 30 ~ 90dB , 40 ~ 100dB ,<br>50 ~ 110dB , 60 ~ 120dB , 70 ~ 130dB               |
| <b>Quasi-analog bar indicator</b>           | 1-dB steps, 60dB display range , updated every 0.125s   |
| <b>Display warning function</b>             |   |
| <b>Overrange indicator</b>                  | <b>Ov</b> Displayed at the upper limit  |
| <b>Underrange indicator</b>                 | <b>Un</b> Displayed at the lower limit  |
| <b>Manual data memory capacity</b>          | 99 sets   |
| <b>Analog AC / DC output</b>                | 1Vrms ( at full scale ) , 10mV <sub>DC</sub> / dB   |
| <b>Power supply</b>                         | One 9V battery (006P or IEC6F22)  |
| <b>Battery Life</b>                         | about 10 hours  |
| <b>Operating temperature &amp; humidity</b> | -10°C to 50°C (14°F to 122°F) R.H. < 90% non-condensing   |
| <b>Storage temperature &amp; humidity</b>   | -10°C to 60°C (14°F to 140°F) R.H. < 70% non-condensing   |
| <b>Dimensions</b>                           | 264 (L) × 68(W) × 27(H)mm   |
| <b>Weight</b>                               | Approx. 260g  |
| <b>Accessories</b>                          | Battery 9V, Wind shield, Screwdriver (adjustment), 3.5φ plug (3pin AC/DC output), Carrying case, Instruction manual |