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# TES-1150 / 1151 Digital Sound Level Meter

- 0.1dB resolution
- A, C, Z frequency weightings
- A, C, Z peak hold function
- Fast, Slow and Impulse Time Weighting
- Micro-USB interface (1151)
- Auto data memory microSD CARD 4GB (1151)

CE IEC 61672-1 Class 2

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# TES-1150/1151 Digital Sound Level Meter

## FEATURES

- ❑ 0.1dB resolution
- ❑ Range from 30 to 130dB
- ❑ Maximum hold function
- ❑ A, C, Z frequency weightings
- ❑ A, C, Z peak hold function
- ❑ Fast, Slow and Impulse Time Weighting
- ❑ AC/DC output jack
- ❑ Back-screw for tripod fixture
- ❑ Micro-USB (1151)
- ❑ Auto data memory microSD CARD 4GB (1151)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Applicable standards** | | IEC 61672-1 Class 2, ANSI S1.4 Type 2 |
| **Digital display** | | 4 digital LCD |
| **Measurement Range** | | 30 – 90dB, 45 – 110dB, 65 – 130dB |
| **Resolution** | | 0.1dB |
| **Typical Instrument Frequency Range** | | 31.5Hz to 8KHz |
| **Accuracy** | | ±1.4dB (ref 94dB @1KHz) |
| **Dynamic Range** | | 65dB |
| **Frequency Weighting** | | A, C and Z |
| **Time Weighting** | | F (Fast), S (Slow), and I (Impulse) |
| **Microphone** | | 1/2 inch Electret condenser microphone |
| **Analog output** | **AC output** | 1.0Vrms corresponding to each range step, Impedance ≒ 5KΩ |
| | **DC output** | 10mV/dB (nominally), Impedance: ≒ 5KΩ |
| **Auto data memory** | | microSD CARD 4GB (1151) |
| **Operating Temperature & Humidity** | | 0℃ to +40℃ , 25% to 90%RH non-condensing |
| **Storage Temperature & Humidity** | | -10℃ to +60℃ , <70%RH non-condensing |
| **Power Supply** | | One 006P 9V or IEC 6F22 or NEDA 1604 Battery |
| **Battery Life** | | Approx. 50hours (Alkaline) |
| **Dimensions** | | 235 (L)×64(W)×24.5(H)mm (9.25"L×2.52"W×0.96"H) |
| **Weight** | | 215g (7.58oz) |
| **Accessories** | | Instruction manual, Battery, Carrying case, 3.5 ϕ plug, Adjustment screwdriver, windscreen. CD Software (1151), micro-USB Cable (1151). |
| **Optional Accessory** | | AC adaptor DC9V (1151) |

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