

# TES

Reliable in Quality

## 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

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



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