

## TES-1353F Integrating Sound Level Meter Specifications



### TES-1353F Integrating Sound Level Meter (with TAF Report)

A TAF report will be prepared after placing the order, with an estimated shipping time of 10-14 business days.

- Complies with IEC 61672-1 Class 2 standard.
- Capable of measuring equivalent continuous sound level (Leq), sound exposure level (SEL), percentile statistical sound levels, and maximum and minimum sound levels simultaneously.
- Dynamic range of 60dB.
- Five ranges from 30 to 130dB.
- A and C frequency weighting.
- Impulse, fast, and slow time weighting.
- Data logging capacity of 100 million records (4GB microSD card).
- USB interface.
- Volume warning output signal.
- Includes date and time function.

### Detailed Specifications:

Applicable Standards:	IEC61672-1: 2013 Class 2, ANSI S1.4: 1983 Type 2
Measurement Parameters:	SPL (Sound Level), Leq (Equivalent Continuous Sound Level), SEL (Sound Exposure Level), MaxL (Maximum Sound Level), MinL (Minimum Sound Level), Peak (Peak Sound Level), LN (Statistical Sound Levels L05, L10, L50, L90, L95)
Measurement Range:	30dB to 130dB
Linear Range:	60dB
Frequency Measurement Range:	31.5 Hz to 8kHz
Frequency Weighting:	A and C
Time Weighting:	Fast, Slow, and Impulse
Accuracy:	±1.0dB (at reference sound pressure of 94dB @1kHz)
Microphone:	1/2 inch pre-polarized condenser microphone
Measurement Ranges:	5 ranges at 10-dB intervals: 30 ~ 90dB, 40 ~ 100dB, 50 ~ 110dB, 60 ~ 120dB, 70 ~ 130dB
Digital Display:	4-digit LCD, 0.1dB resolution, updated once per second
Analog Display:	1-dB interval, 60dB display range, updated every 1/8 second
Display Warning Features:	Overload Indicator, Low Indicator, Over-range limit 'OVER' symbol appears, Under-range limit 'UNDER' symbol appears
Analog AC / DC Output:	2Vrms (full scale), 10mVDC / dB
Power:	4 AA 1.5V batteries, AC adapter
Battery Life:	Approximately 24 hours
Operating Temperature & Humidity:	-10°C to 50°C, 30% to 90% RH (non-condensing)
Dimensions:	265 (L) x 72 (W) x 36 (D) mm
Weight:	Approximately 380g
Accessories:	Instruction manual, batteries, carrying case, adjustment screwdriver, CD software, windscreen, USB cable, 3.5mm plug
Optional Accessories:	TES-1356 Sound Calibrator, Microphone Extension Cable (about 2.7 meters), AC adapter