



Tenmars TM-101 Digital Sound Level Meter with Alarm Function

SKU: TM101

Manufacture Warranty period: 12 months
Country of Origin: Taiwan

Description

This noise meter is designed for noise measurement applications in factories, schools, offices, traffic roads, home, etc.

Application

- Environmental Noise Assessment
- Work place Noise Measurement
- Assembly production noise measurement
- Home noise
- Road noise

Features

- Maximum or minimum read value lock.
- Over-range gear indication and low-range gear indication.
- Fast (FAST) and slow (SLOW) response time selection.
- A and C frequency weighting characteristic selection.
- AC or DC signal output can be connected to a frequency analyzer or XY-axis recorder for statistical analysis of data.
- DC 9V input socket: Use an external rectifier, OUTPUT: DC 9V 300mA insertion hole, can be used for long-term testing.

Specifications

Display:	3 1/2 digits LCD
Display Value update:	2 times/second
Applicable standards	IEC61672-1 Class 2 and ANSI S1.4 Type 2
Frequency Range:	31.5Hz~8KHz
Measurement Item:	SPL (Sound Pressure Level)
Frequency Weighting characteristics	A and C
Microphone:	1/2 inch polarized condenser microphone
Time Weighting:	FAST (125mS), SLOW(1sec)
Test ranges: 30~130dB.	LO: 30~80dB
	MED: 50~100dB
	HI: 80~130dB
Accuracy:	+/- 1.5dB (ref 94dB @ 1kHz)
Resolution:	0.1dB
Dynamic range:	50dB.
Overload indication	"OVER" "UNDER" symbol indicates

MAX/MIN hold:	Hold reading the Maximum or Minimum value.
AC signal output:	AC signal is output from the headphone socket
	AC =1Vrms (per range). The output impedance is about 50Ω.
DC signal output:	The DC signal is output from the headphone socket at 10mV/dB , and the output impedance is about 100Ω .
Output impedance:	Approx. 50ohm.
Low battery indication	Yes
Power supply	9V Battery
	DC Adapter; OUTPUT: DC 9V 300m A. (Not included)
Power life:	About 30 hrs (alkaline battery)

Dimension

Size:	280mm(L) x 80mm(W) x 32mm(H)
Weight (including battery)	About 300g

Package includes

1 x TM-101 meter
1 x Instruction Manual
1 x Carry Case
1 x 9V Battery
1 x Screwdriver
1 x 3.5dia. plug

Standards Certification

- CE

