

## MEWOI-JY218 GB/T3785/IEC61672 Class 2 Industrial Sound Level Tester



**MEWOI-JY218** Sound Level Meter is a hand-held instrument. Its performance meets the requirements of the national standard GB/T 3785-2010 and the international standard IEC 61672:2013 Sound Level Meter for Class 1 X Sound Level Meter. This sound level meter is the latest digital sound level meter launched by our company. It is light and portable. It is suitable for on-site measurement of noise of mechanical and electrical products, environmental noise, traffic noise, workplace noise and so on. It can also be used for teaching demonstration in Colleges and universities.

## TECHNICAL SPECIFICATION

Applied Standards:	GB/T3785,Class 2; IEC61672,Class 2
Measured and evaluated items	L <sub>p</sub> (time weighted sound level) or L <sub>max</sub> (maximum time weighted sound level), L <sub>min</sub> (minimum time weighted sound level), L <sub>Cpeak</sub> (C weighted peak sound level).
Microphone:	Class 2 industrial measurement microphone, nominal diameter 12.7 mm, free field type frequency response. Nominal pressure sensitivity is 50 mV/Pa (nominal pressure sensitivity level is - 26 dB, reference value is 1 V)
Frequency	20 Hz~16 kHz
Frequency Weightings:	A,C
Time Weightings:	F(Fast) and S(Slow)
Measuring Range	A:30-130dB,C:40-130dB
Threshold Setting Range	30 dB-130 dB, sound level exceeding the threshold, give the sign of exceeding threshold, and output high level.
Automatic calibration range	±4.5dB (reference value is 50mV/Pa)
Screen	128 *64 dot matrix liquid crystal display (LCD), with resolution of 0.1dB, has signs of overload, under-range, low battery voltage alarm, over-threshold alarm and so on.
Analog output	Output jack is 3.5 mm dual-channel headphone jack, minimum load impedance is 10kΩ ---DC logarithmic voltage: The output voltage is logarithmic to the measured sound pressure, and the output voltage per unit sound pressure is 15 mV/dB. ---AC Linear Voltage: The output voltage is linearly correlated with the measured sound pressure, and the output voltage corresponding to the upper boundary of the stage range is 2.0V.
Digital output	Output connector is DB9 (needle type), RS232 serial communication port, output ASCII code, modulation rate (baud rate) 9600Bd
Power supply	2 LR6 (No. 5) batteries, working continuously for 27 hours
Size	L*W*H210 mm×68 mm×31 mm
Weight	210g
Working Temperature	0°C ~ 40°C
Accessories	Main Unit, External Probe, Screwdriver, Carrying Case (B04),Manual