

## NOISE SPECTRUM ANALYZER



DB30-6226F2

DB30-6226F1

### Applications

Noise spectrum analyzer is not only a general sound level meter to measure the exponential time weight sound level, but also an integral average sound level meter to measure the time average sound level and an integral sound level meter to measure the sound exposure, it can also measure the cumulative percentage sound level (statistical sound level), suitable for a variety of industrial environmental noise measurement and environmental noise survey measurement, especially suitable for noise spectrum analysis for the environment. Sound level measurement of machinery, traffic, ship and other noises; Applicable to industrial environmental protection, construction, health, teaching and research departments.

### Features

- \* With built-in 1/1 octave and 1/3 octave filters. Either manual or automatic frequency sweep measurement is available. 12 groups of data can be saved automatically in automatic sweep measurement.
- \* With the function of integration and statistics, 800 groups of single measurement and 6 days of regular measurement can be achieved. The stored data can be read and printed. The collected data can be checked when the regular measurement is paused.
- \* The digital detection technology is used to replace some traditional sound level meters, the stability and reliability are greatly improved.
- \* Large screen display is adopted, with clear and intuitive display. With dynamic scale display.
- \* The three time weighting F, S, and I can be selected. \* Optional Bluetooth printer for data printing.
- \* Use USB data output to connect with PC. \* Provide Bluetooth data output choice.

### Specifications

Model	DB30-6226F1	DB30-6226F2
Microphone	Φ12.7mm (1/2") test condenser microphone	Level 2 Measurement microphone sensitivity /30mV/Pa
Frequency range	10Hz~20kHz	20Hz~12.5kHz
Frequency weighting	A, C, and Lin(Linear)	
Range	25dB~130dB (A)	30dB~130dB (A)
Range control	Manual, three gears, linear range > 60dB	
Testing Range	30dB~90dB (dynamic scale display 10~100)	
	50dB~110dB (dynamic scale display 30~120)	
	70dB~130dB (dynamic scale display 50~140)	
Noise background	<19dBA	<24dBA
Time Weighting	Fast (F), Slow (S), Impulse (I)	
Display	Large screen dynamic LCD, instantaneous sound level, with analogammeter display.	
The output interface	AC signal output	
	USB data cable output	

Microphone	Φ12.7mm (1/2'')	40mV/Pa
Power Supply	4x1.5V AAA Size (UM-4) Battery	
External Power	5V	
Dimensions	270x90x32 mm	
Operating Condition	Temperature: -10° C~50° C Humidity : 20%RH~90%RH	
Standard Accessories	Main Unit	
	Windscreen	
	Carrying Case(B04)	
	Operation Manual	
Optional Accessories	Screwdriver	
	CD, Data Cable, Bluetooth Data Adapter	
	Bluetooth printer, Printer power adapter	
	External power supply (5V), tripod	
	Microphone extension cable 5m, 10m, 15m, 20m	
	Piston generator/Level 1 sound level calibrator/ Level 2 sound level calibrator	