



## Precision Noise Spectrum Analyzer

| Sound level meter

☰ Details Info

### introduction:

Application: be used for industrial noise measurement of various machines, vehicle, shipping and electrical. Suitable for the areas of industrial enterprises, environmental protection, industrial hygiene, teaching and scientific research

### Characteristics:

- Instead of some traditional sound level meters, its stability and reliability was greatly increased by using digital detector technology, integrate the 1 / 1 and 1 / 3 octave filters
- SM71A has the function of integral and statistical measurement, direct measurement of Leq equivalent continuous sound level and LA noise exposure level,
- Built-in the 1 / 1 and 1 / 3 octave filter, can manually or automatically select the center frequency of the filter
- SM71A has the function of high capacity of data acquisition, can simultaneously store 800 groups data, data every hours for 6 days and 22 groups data that is result of filter automatically scanning
- Large LCD, clear and visual read.
- Data storage, print function, can be connected with computer

### Technical Parameters:

Model	SM71A
Standard	sound level meter can meet the requirements of GB/T3785 1, IEC61672 filter can meet the requirements of GB/T3241 and IEC61260
Frequency Range	10HZ~20KHz
Frequency Range of Filter	1/131.5Hz—16KHz totally ten levels 1/320Hz—20KHz totally thirty-one levels
Measuring Range	25dB~130Db(A)
Type of the microphone	Φ127mm Electret condenser microphone
Frequency weighted	A, C (weighting), L (linear)

Time-weighted	Fast(F) Slow(S)I(pulse)
Range conversion	Manual (high,middle,low)
Measuring Model	Lp,Leq,LAE,LN,SD,Lmax,Lmin,LN(L5,L10,L50,L90,L95)Ld,Ln,Ldn
Time of measuring integral	Man,10s,1min,5min,10min,15min,20min,1h,8h,24h, measuring at every hour of one day
Display Model	Special homemade large screen LCD
Clock	Real-Time Clock, back-up battery in the machine
Output, interface	AC signal,RS232 interface
Data Storage	800 groups data or every hour's data for 6 days,12 groups result of filter automatically scanning
Power supply	Battery:4×LR6(5#),or 6V DC external power supply
Dimensions	230mm×72mm×30mm
Weight	0.5kg



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