



# Sound Meter



**Fluke 945**

## Fluke 945 Sound Level Meter

has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and quality control in a wide variety of industrial environments. It offers two types of measurements: A weighting and C weighting. The A weighting is for general noise sound level and the C weighting is for measuring sound level of acoustic material control in various environments. The Fluke 945 conforms to the IEC651 Type 2, ANSI S1.4 Type 2 and JISC1502 requirements for Sound Level Meters.

### Product highlights

- Max/Min
- Frequency weighting ranges: A, C
- Auto power off
- Auto ranging
- Backlit display



### Applications

- Environmental Health and Safety testing and verification
- Sound testing for education environments
- Heavy and light industry sound testing
- Healthcare environment testing
- Safety testing

### Fluke 945 Main technical parameters

Measurement parameter	Range	Resolution	Accuracy
Measurement of environment noise (A weighted)	30 to 130 dB	0.1 dB	±1.5 dB (ref 94dB@1KHZ)
Measurement of mechanical noise (C weighted)	35 to 130 dB	0.1 dB	±1.5 dB (ref 94dB@1KHZ)
Specifications			
Display	4 digits LCD		
Microphone	1/2 inch electric condenser microphone		
Power supply	9V NEDA 1604, IEC 6F22, JIS 006P battery		
Auto power off	Approx. 5 min		
Environment	Indoor operation, < 2000 m		
Standard applied	IEC651 Type 2, ANSI 1.4 Type 2		
Dynamic range	50 dB		
Resolution	0.1 dB, Display Update : 0.5 sec.		
Time weighting	Fast (125mS), Slow (1 sec)		
Frequency range	31.5 Hz to 8 kHz		
Warranty	1 Year		



## CONTACT DETAIL



[tasira@rediffmail.com](mailto:tasira@rediffmail.com)



2522 8205, 2523 1145



#293, (Old 142)  
Linghi Chetty Street,  
Chennai-600 001



[www.tasirainstrumentations.com](http://www.tasirainstrumentations.com)