



## Sound level meter

### Fluke 945 Sound Meter

The 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.

#### Features:

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

#### Main technical parameters:

Fluke 945			
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	0.1 dB steps on 4 digit LCD screen		
Frequency response	From 31.5 Hz to 8 kHz		
Max/Min recording with memory logging	Up to 14,000 records		
Recording intervals	From 1 second to 8 hours		
USB interface	14,000 records datalogger		
Safety standard	CE, designed to meet IEC651 Type2, ANSI S1.4 Type 2		
Microphone	0.5 inch electric condenser microphone		
Time weighting	Fast slow		
Dimensions	200 x 56 32 mm		
Warranty	1 year		



#### Applications:

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

#### Ordering information

- Fluke 945**
- 945 Sound Level Meter
  - 9V battery
  - User manual