

**TECHNICAL DATA**

# Fluke 945 Sound Meter



## Key features

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

## Product overview: 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.

### Applications:

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

## Specifications: Fluke 945 Sound Meter

|                                               |              |            |                         |
|-----------------------------------------------|--------------|------------|-------------------------|
| 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                               |
| 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                                              |

## Ordering information



### **Fluke 945**

Fluke 945 Sound Level Meter

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- Carrying case
  - 9V battery
  - User manual
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**Fluke Corporation**  
PO Box 9090, Everett, WA 98206 U.S.A.

**For more information call:**  
In the U.S.A. (800) 443-5853  
In Canada (800) 36-FLUKE  
From other countries +1 (425) 446-5500  
[www.fluke.com](http://www.fluke.com)

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