

Sound Level Meter



Measures noise level of a disk saw, for example, accuracy class 3 L

testo 815, an affordable sound level meter which fulfills IEC 651 requirements, accuracy class 3 L.

We recommend testo 816 with accuracy class 2 L for measurements with high accuracy specifications such as those carried out in the workplace.



Monitor noise levels, accuracy class 2 L

- Detachable microphone to avoid measurement errors
- Digital noise suppression for exact measurements
- Calibration via buttons
- Accurate quartz calibrator available as accessory

testo 815

Accuracy class 3 L

testo 815 Set, sound level meter, accuracy class 3 L, incl. case, microphone, wind cap and battery

Part no. 0563 8150



MAX/MIN

testo 816

Accuracy class 2 L

testo 816 Set, sound level meter, accuracy class 2 L, incl. case, microphone, wind cap and battery

Part no. 0563 8160

dB(A)

Ordering data for Accessories

Part no.

Calibrator
For regular calibration of testo 815, testo 816 0554 0009

ISO calibration cert./Sound pressure
Calibration points 94 dB(A); 104 dB(A); 114 dB(A) at different frequencies 0520 0111

Technical data

testo 815

Meas. range +30... +130 dB(A)
Accuracy Class 3 L
 ± 1 digit ± 1.5 dB(A) (+30... +130 dB(A))
Resolution 0.1 dB(A) (+30... +130 dB(A))

testo 816

Meas. range +30... +130 dB(A)
Accuracy Class 2 L
 ± 1 digit ± 1 dB(A) (+30... +130 dB(A))
Resolution 0.1 dB(A) (+30... +130 dB(A))

Common data

Oper. temp. 0... +40 °C
Storage temp. -20... +70 °C
Battery type Alkali manganese
Battery life 15 h
Dimensions 168x72x27 mm
Weight 170 g
Warranty 2 years
Partial measuring ranges: 30 to 65 dB (A); 50 to 85 dB(A); 70 to 105 dB(A); 90 to 130 dB(A)
Time settings: FAST 125 ms/SLOW 1 s
Pressure drift: -0.008 dB/hPa

Calibrator



Sound pressure level: 94 dB(A)/104 dB(A), adjustable

Frequency: 1000 Hz

Distortion factor: less than 3%

Battery type 9V block battery

Battery life 25 h

Warranty 2 years

Recommended kit:



testo 815 Set, sound level meter, accuracy class 3 L, incl. case, microphone, wind cap and battery

Calibrator

testo 816 Set, sound level meter, accuracy class 2 L, incl. case, microphone, wind cap and battery

Calibrator