

## testo 815 / testo 816

## Sound level measurement – To DIN/IEC 60651, Class 2

The ideal instrument for daily use. Whether it is for air conditioning or heating, disco noise, machine noise or noise in combustion systems, testo 815 is the ideal partner.

### Additional benefits of testo 816:

When compared to testo 815, the larger model has additional features which make it ideal for assessors, workplace measurements and for measuring industry and environmental noise.

### Common features:

- Accuracy Class 2 to IEC 60651
- Easy to adjust (adjustment screwdriver included)
- Frequency weighting in accordance with characteristic curve A and C
- Maximum and minimum value memory
- Built-in tripod knuckle screw (1/4 inch)
- High accuracy (Class 2)
- Switchable time weighting Fast/Slow

### Additional benefits of testo 816:

- Automatic range switchover
- Backlit display
- Mains unit connection
- Bar graph display
- AC output for connecting recorders and amplifiers
- DC output with 10 mV/dB for connecting recorders or dataloggers



### testo 815

testo 815, Sound level meter, accuracy class 2, incl. microphone, wind protection cap and battery

Part no.  
**0563 8155**

### testo 816

testo 816, Sound level meter, accuracy class 2, incl. microphone, wind protection cap, battery, stereo jack 3.5 mm, in a practical measurement case

Part no.  
**0563 8165**

### Accessories

### Part no.

#### Accessories

Calibrator, for regular calibration of testo 815, testo 816 0554 0452

Power unit 230 V/ 8 V/ 1 A, for instrument (European plug) For mains operation and battery recharging 0554 1084

#### Calibration Certificates

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	testo 816
Meas. range	+32 to +130 dB	+30 to +130 dB
Accuracy ±1 digit	Class 2 ±1.0 dB	Class 2 ±1.0 dB
Resolution	0.1 dB	0.1 dB
Oper. temp.	0 to +40 °C	0 to +40 °C
Storage temp.	-10 to +60 °C	-10 to +60 °C
Battery type	9V block battery	9V block battery
Battery life	70 h	50 h
Weight	195 g	315 g
Dimensions	255 x 55 x 43 mm	309 x 68 x 50 mm
Warranty	2 years	2 years
Section meas. ranges: 30 to 80 dB; 50 to 100 dB; 80 to 130 dB Time weighting: FAST 125 ms setting / SLOW 1 s setting Pressure dependency: -0.0016 dB/hPa		

### Technical data

	Sound level calibrator
Battery type	9V block battery
Battery life	40 h
Warranty	2 years
Accuracy	±0.5 dB in accordance with Class 2 to IEC 60942
Sound pressure level: 94 dB(A)/104 dB(A), adjustable Frequency: 1000 Hz Distortion factor: less than 3%	
Also suitable for 1/2 and 1 inch microphones by other manufacturers	

