

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

Esis Pty Ltd www.esis.com.au

testo 815

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.

Common features:

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

testo 816

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

Additional benefits of testo 816:

- Automatic range switchover
- Backlit display
- Mains unit connection
- BarGraph display
- AC output to connection from recorders and amplifiers
- DC output with 10 mV/dB to connect recorders or dataloggers



testo 815:
Frequency weighting
Current value
Time weighting
Section measurement range



testo 815, Monitoring measurements in ventilation



testo 816:
Time weighting
Section measurement range
Frequency weighting
Current reading



testo 816, Checking noise control

testo 815

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

Part no. 0563 8155

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 Ordering data

Part no.

Calibrator, for regular calibration of testo 815, testo 816	0554 0452
Mains unit 230 V/ 8 V/ 1 A, for instrument (European plug), for mains operation and battery recharging	0554 1084
ISO calibration cert./sound pressure, calibration points 94 dB; 104 dB; 114 dB at different frequencies	0520 0111
ISO calibration certificate sound pressure calibrators	0520 0411

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
Battery life	70 h	50 h
Weight	195 g	315 g
Dimensions	255 x 55 x 43 mm	309 x 68 x 50 mm
Battery type	9V block battery	
Oper. temp.	0 to +40 °C	
Storage temp.	-10 to +60 °C	
Other features	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
Accuracy	±0.5 dB in accordance with Class 2 to IEC 60942

Sound pressure level: 94 dB/114 dB, switchable
Frequency: 1000 Hz

Also suitable for 1/2 and 1 inch microphones by other manufacturers

3 day service warranty

"In 3 days: collection, service and return – we hoped it would be a success. Now two out of three customers use this express service which surpasses all our expectations."



Jörg Wittmer
Head of Customer Service