

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 | |

