

# Sound level measuring instrument

## 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:

- Frequency weighting according to characteristic A and C
- Maximum and minimum value memory
- Built-in tripod knuckle screw (1/4 inch)
- Switchable time weighting Fast / Slow

### testo 815

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

**Part no. 0563 8155**

## 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.

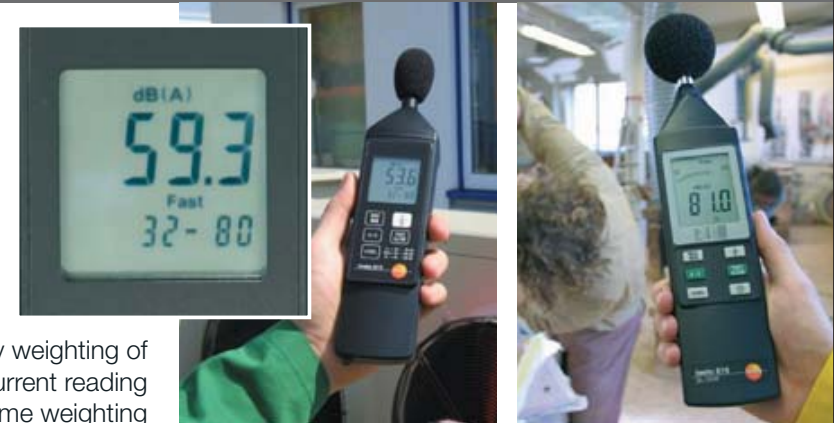
### Additional benefits of testo 816:

- Automatic range switchover
- Backlit display
- BarGraph display
- AC/DC output for connection to amplifiers, recorders or dataloggers

### testo 816

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

**Part no. 0563 8165**



Frequency weighting of current reading  
Time weighting  
Section measurement range

testo 815, Monitoring measurements in ventilation

testo 816, Checking noise control

| 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 | ±1.0 dB          | ±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