

DECIBEL METER

PCE-TSM 5



- » **Large LCD display**
- » **Noise traffic light**
- » **Visual signaling with three-colour display**
- » **Audible alarm in 6 languages**
- » **Freely selectable limit values**
- » **Battery or mains operation**
- » **Audio output**
- » **IR remote control**
- » **Memory function**
- » **Floor-standing or wall-mounted device**

This modern occupational decibel meter is a versatile instrument with a range of innovative functions. An outstanding feature of the occupational decibel meter is the large LCD display designed as a noise traffic light. The integrated noise traffic light of the decibel meter provides the user with visual information on the current noise level at a glance. The green, orange and red color scheme allows the user to see immediately whether the noise level displayed by the decibel meter is within the acceptable range or whether action is required.

In addition to the visual displays, the decibel meter also offers an audible alarm that can be configured in six different languages. This multilingualism ensures broad international applicability.

Another plus point is the ability to set the limit values on the health and decibel meter individually. Users can adjust the limit values for visual and audible warnings according to their specific requirements and local conditions.

The integrated memory of the health and decibel meter has a capacity of 15 seconds and stores the audio and sound data. An audio output allows the user to record or process the measured sound level data externally.

Specification

Sound level

Measurement range up to 35 ... 135 dB

Resolution 0,1 dB

Accuracy ± 2 dB

General technical data

Measuring functions MIN, MAX, HOLD, ALARM

Frequency 31.5 ... 8000 Hz

Frequency weighting A

Display type LCD with backlight

Display refresh rate 2 x per second

Memory capacity (additional information) 15 seconds audio and sound level

Microphone type Electret capacitor

Interface 3.5 mm jack

Operating time 60 h

Alarm modes Audible: Voice output in German, English, Spanish, French, Japanese, Chinese
Visual: Display background green, yellow, red

Menu language English

Protection class (device) IP20

Power supply 9V DC, 1000mA

Connector type Device-europlug

(Rechargeable) battery 6 x 1,5 V AA battery, Alkali-manganese

Capacity 3000 mAh

Operating conditions -20 ... 60 °C, 10 ... 90 % RH

Storage conditions -20 ... 60 °C, 10 ... 75 % RH

Dimensions (W x H x D) 176 x 197 x 49 mm

Weight 490 g