

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	
Measuring range	35 ... 135 dB
Resolution	0,1 dB
Accuracy	±2 dB

General technical data	
Measuring functions	MIN, MAX, HOLD, ALARM
Frequency weighting	A
Frequency	31.5 ... 8000 Hz
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 (L x W x H x D)	255 x 176 x 197 x 49 mm
Weight	490 g