



Press Release
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PCE Instruments launches Class 1 sound level meter for noise protection at work

PCE Instruments recently launched 3 sound level meters which have been designed to tackle the wide-spread problem of noise at the workplace, for example at construction sites, which can cause severe health issues. These are called the PCE-428, the PCE-430 and the PCE-432 with GPS.

An alarming number of employees worldwide has to deal with unacceptable noise levels at work, which often causes hearing problems that cannot be reversed. There are several rules and regulations to prevent these problems. In order to take the right precautions, noise must become measurable and this is what these new sound level meters have been designed for.



The sound level meter PCE-430 can do A, B, C and Z frequency weightings as well as fast, slow and impulse time weightings which makes it very helpful when it comes to assessing noise nuisance at loud workplace like construction sites. For companies which have to stick to certain rules and regulations, it is important to know that the new noise level meter complies with the standards GB/T 3785.1-2010, GB/T 3785.2-2010, IEC 60651:1979, IEC 60804:2000, IEC 61672-1:2013, ANSI S1.4-1983 and ANSI S1.43-1997.

The standard version of the PCE-430 noise level meter comes with a 1/1 octave band filter but an upgrade to a 1/3 octave band filter is possible, too. The user can set the alarm threshold. The sound level meter can calculate LXY (SPL), LXeq, LXYS, LXSEL, LXE, LXYmax, LXYmin, LXPeak and LXN values where X stands for the frequency weighting, Y for the time weighting and N for the statistics in %. Data can be saved to a Micro SD card and evaluated via a PC software which is included in the delivery. The new PCE-430 sound meter also comes with a microphone, a wind noise suppressor (foam ball), a USB cable, a mains adaptor, a factory calibration certificate according to ISO 9001, a user manual and a carrying case. Calibrators or a tripod can be purchased at an extra charge.

PCE Instruments, with headquarters in Germany and offices in Chile, France, Spain, Italy, China, Hong Kong, the Netherlands, Turkey, Poland, the UK and the US, manufactures and sells test instruments, control systems, laboratory and weighing equipment for a vast range of different purposes and applications, to a great extent under the label "PCE Instruments®", but also from other renowned producers. PCE also provides pre- and aftersales technical advice as well as calibration and re-calibration services.

For further information, please see:

https://www.pce-instruments.com/english/measuring-instruments/test-meters/sound-level-meter-noise-level-meter-pce-instruments-class-1-data-logging-sound-level-meter-with-certificate-pce-430-det_5846898.htm

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Email: info@pce-instruments.co.uk

Web: https://www.pce-instruments.com/english/pce-instruments-test-instruments-anbieter_2.htm