PeakTech® 8005
PROD-ID: P 8005

Professional Sound Level Meter with Datalogger and USB, 4-digit

This Digital Sound Level Meter with 4 digit 20 mm LCD multifunction display (58 x 44 mm) bargraph, datalogger and backlight is designed for noise projects quality control, illness prevention and cure, all kinds of environmental sounds measurement, applied to the sound measurement at factory, school, office, traffic access and household, etc. Furthermore the PeakTech 8005 provides an USB interface in order to start duration-measurements over a long time. The AC-adaptor guarantees a power supply and the tripod for stable measuring values. The unit can be selected for fast and slow response times and A- and C-weighting.

- With USB 2.0 interface and datalogger with internal memory for up to 32000 counts / 1x / sec. ~ 1x / min.
- Confirm the IEC-61672-1 class 2 for sound level meters
- MIN- und MAX measurements
- Over and under range display
- Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder
- Accessories: 3m microphone extension cable, case, USB interface cable, software for Windows 95/98/NT/2000/XP/VISTA/7, tripod, 9V-AC-adapter, 9V-battery and manual.

Standard applied	IEC-61672-1 Typ 2, ANSI S1.4 Typ 2
Accuracy	± 1,4 dB
Frequency range	31,5 Hz - 8 kHz
Dynamic range	50 dB
Level ranges	Lo: 30 dB ~ 80 dB Med: 50 dB ~ 100 dB hi: 80 dB ~ 130 dB Auto: 30 dB ~ 130 dB
Time weighting	fast: 125 mS / slow: 1s
Microphone	½-inch electret condenser microphone
Resolution	0,1 dB
Display update	2 x times/sec.
Analog output	AC/DC-outputs, AC: 1 Vrms = 10 mV/dB
Operation voltage	9 V-battery or 9 V AC-adaptor
Dimensions (WxHxD)	80 x 280 x 50 mm
Weight	350 g