

Kamplex KM-6

Sound Level Meter - Efficient Hearing Examinations

KM-6

The Kamplex KM-6 is a dual-function meter with both quasi-analogue and digital displays. This makes it ideal for paediatric testing and speech therapy, as well as for measuring environmental and perceived sound in clinics, consulting rooms, factories, offices, schools, training areas, clubs, halls, etc.

With both dBA and dBC weighting and a range of 30~130dB the KM-6 is a great all-round performer for the professional. Built to IEC61672-1 Class 2 standard the KM-6 brings new levels of functionality to an instrument at this price level. Min/Max measurements, recording facility with time and date stamping, FAST and SLOW testing, and Over and Under range alarms make the KM-6 very adaptable to a range of uses. The quasi-analogue bar graph display helps audiologists and speech therapists in their professional work. A very robust housing and clear display gives a hard-working tool that can be used anywhere. The instant-on facility and 6-button control interface make the KM-6 easy to use, whilst the display backlight allows you to take readings in very low light levels. The KM-6 comes with the assurance of calibration and Quality Control by the PC Werth Lab.



General Technical Specification

Measuring ranges	(1) 30~130dB. (2) 50~100dB. (3) 80~130dB. (4) 30~130dB Auto
Frequency weighting	dBA and dBC
Accuracy	+/- 1.4dB @ 1KHz 94dB (under reference conditions)
Frequency range	31.5Hz~8KHz
Time weighting	FAST – 125mS. SLOW 1S
Resolution	0.1dB steps
Display Update	0.5 sec
Display	Quasi-analogue bar graph. Digital – 4 digits
Alarm function	'UNDER' or 'OVER' displayed when input is out of range (<30dB or >130dB)
Backlight	Manual LED
Controls	On/Off. dBA/dBC toggle. Hold. Level/Record. Max/Min. FAST/SLOW.
Data recording capacity	50 sets
Clock	Digital hour/minute/second
Calendar	Year/month/day
Power management	Auto power off after approx. 15 minutes inactivity
Power life	Minimum 30hrs with alkaline battery
Power supply	One 9V PP3 battery (006P/IEC6F22/NEDA1604)
Microphone	1/2 inch electret condenser microphone
Microphone windshield	For use when air speed over microphone exceeds 10m/sec
Tripod fitting	Standard camera thread on rear of instrument for fixing to tripod or wall-mount (tripod/mount not supplied)
Operating temperature range	0~40°C (32~104°F)
Storage temperature range	-10~60°C (14~140°F)
Operating humidity range	10~90%RH
Storage humidity range	10~75%RH
Dimensions	215 x 58 x 35 mm
Weight	230g (including battery)
Warranty	12 months from date of purchase, against manufacturing faults
Package contents	Meter, 9V battery, Windshield, User Manual

SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

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