KAMPLEX KMS-1
HANDHELD FREE FIELD AND PURETONE SCREENING AUDIOMETER

The Kamplex KMS-1 is a high specification screening Free Field and Puretone audiometer (using optional TDH39), in a handheld format the size of a mobile phone.

It has a wide range of frequencies and levels and can be connected to the USB port of a PC for downloading test data and also for charging its battery.

The KMS-1 has internal data storage for up to 1000 tests, which can be downloaded to a PC to be reviewed using dedicated software. Individual tests can also be printed out using the optional portable printer.

Test results are time/date stamped and patient details can be entered using the virtual keypad on the screen.

The NanoScreener is ideal for use by consultants, doctors, audiologists, health visitors and other health professionals

The main menu screen displays icons for the different functions on the KMS-1. This menu screen is always accessed with the menu key on the keypad. Each function is easily selected using the four arrow keys and enter key. Sub-menus can then be selected to set up the necessary parameters.

This example screen displays current test parameters set up using the relevant menus. The top line is the status line which shows current time and battery level. It also indicates when the 'present' button is pressed.

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TECHNICAL SPECIFICATIONS

Free Field Mode	
Centre Frequencies (Hz)	500, 1K, 2K, 3K, 4K and 6K
Modulation Frequency	5 Hz
Modulation Depth	+/- 5%
Attenuator Range	20-50 dB
Attenuator Step	5dB

Puretone Mode	
Frequencies (Hz)	125, 250, 500, 750, 1K, 1K5, 2K, 3K, 4K, 6K and 8K
Output Levels dBHL 125 Hz	-10 to 60dBHL
250 Hz and 8 KHz	-10 to 80dBHL
500 Hz to 6 KHz	-10 to 90dBHL
Attenuator Step	5dB
Stimulus Type	Puretone or FM
For FM	
Modulation Frequency	5 Hz
Modulation Depth	+/- 5%

Other Features:

Medically CE marked
Relevant standards: IE 60645-1-2001 ISO 389-1991
Colour LCD display
Custom keypad
Internal data storage for up to 1000 tests
USB connection to PC for data transfer and charging
Serial RS232 printer output
Lithium-Ion battery - rechargeable from PC USB port or using optional charger
PC software included to allow download of test results for offline processing

Accessories:

Supplied with KMS-1:
USB charging lead.
Basic software package.

Optional extras:
Battery powered portable printer.
External charger.
TDH39 single ear piece and cable.
TDH39 full headset.