

KAMPLEX KMS-1 HANDHELD FREE FIELD AND PURETONE SCREENING AUDIOMETER



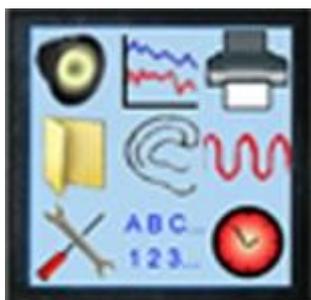
The Kamplex KMS-1 is a high specification screening Free Field and Puretone audiometer (using optional TDH39 headphones or E5A insert earphones) in a handheld format the size of a mobile phone.

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

The KMS-1 has internal data storage for up to 1000 tests, which can be downloaded to a PC to be reviewed using the included 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.

KAMPLEX KMS-1

TECHNICAL SPECIFICATIONS

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

| Puretone Mode | |
|---------------------------|---|
| Frequencies (Hz) | 125Hz, 250Hz, 500Hz, 750Hz, 1kHz, 1.5kHz, 2kHz, 3kHz, 4kHz, 6kHz and 8kHz |
| 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 (headset). FM (free field) |
| 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 USB charger
 PC software included to allow download of test results for offline processing

Accessories:

Supplied with KMS-1:

USB charging lead/ data connector for PC.
 Basic software package to view, print and edit patient details on a windows Pc.

Optional extras:

Battery powered portable printer with cable.
 External USB charger and cable.
 TDH39 single ear headset with software upgrade.
 TDH39 full headset with software upgrade
 E-A-R-Tone E5A insert earphones with software upgrade.

PECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

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