Oscilla® SM930
Screening Memory Audiometer

Includes:

Hughson Westlake

SPECIAL FEATURES

Oscilla® *SM930 Screening Memory audiometer* is equipped with many useful features making it extremely advanced and at the same time focusing on ease of use. *Oscilla*® *SM930 Screening Memory audiometer* contains a storage capacity of 83 audiograms that may be stored for later printout or transfer to patient file. The recorded values are stored in the internal memory, and kept even if the unit is turned off.

Along with your *Oscilla*® *SM930 Screening Memory audiometer* you may use the software program **AudioConsole** designed by Inmedico. AudioConsole is easy to use and makes it possible for the users to create their own patient file system. Additionally the *Oscilla*® *SM930 Screening Memory audiometer* may transfer test results in a format, which makes it possible to use already existing patient file systems.

When printing or transferring data to a computer, the device automatically selects the correct symbols for left or right ear. Additionally you may choose manual or automatic transfer/printing.

If you want a printout you may perform it just after a finished test OR you can wait until later, when it is convenient - the audiometer has stored all values.

You may follow the results on the screen during the test in two ways: each time you press the DATA button, or AUTOMATICALLY by using one of the set-up functions.

All functions are controlled by an advanced microprocessor, which offers stability and durability. The built-in tone generator is crystal driven avoiding distortion and making it insensitive to temperature fluctuations.

The *Oscilla*® *SM930 Screening Memory audiometer* may perform either manual or fully automatic hearing test, having four automatic tests allowing individually designed threshold test.

Aluminium cabinet provides a neat product, which at the same time is very sturdy and protects in the best way against any environmental influences from other electronic equipment; as aluminium protects against electromagnetic interference.

Technical specifications:

Frequencies:	11 fixed frequencies from 125 Hz to 8000 Hz.
Hearing Level Range:	-10 dB to 110 dB in 5 dB steps.

Maximum intensities:

Frequencies Hz	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Air conduction dB	70	90	110	110	110	110	110	110	110	100	90

Program:	Manual or automatic test.
Serial interface:	Manual or automatic transfer - 9600 baud.
Calibration:	Calibration data stored in programmable memory (EN60645-1).
Power supply:	Mains adapter for 220-240 V AC.
Dimensions:	295mm x 180mm x 55mm.
Weight:	Approx. 1 kg.
Standard accessories:	Peltor noise reducing headset including earphones, patient response, mains adapter.
Optional extras:	Carrying bag, PC cable, Printer cable, AudioConsole.
Printer requirements:	Printer with a Centronics parallel port (IEEE 1284-compatibel), which supports: HP PCL2-PCL5, Epson 9-24 pin graphics or IBM ProPrinter.

Setup:

In this position you may change some of the pre-set functions. The program will save the last entry until a new change is made. The setup function has the following possibilities:

Mode 1: Each of the 11 frequencies can be connected or disconnected.
Mode 2: Automatic length of tone of OFF, 0.5, 1.0 or 1.5 seconds.
Mode 3: Connecting/disconnecting storage function, and you may choose manual or automatic data transfer.
Mode 4: 20 dB automatic threshold test, standard automatic test, Random 20 dB automatic test or Hughson Westlake test. Alarm after finished test.
Mode 5: Selection of printer: 9 or 24 pin printers, HP printers, IBM ProPrinters or Thermo Printers.
Mode 6: Printer carriage return on/off.
Mode 7: Right & Left printed on the same audiogram or on two separate audiograms.
Mode 8: Connection/disconnection of automatic printout.
Mode 9: Option of setting top-margin on the printout.
Mode 10: Back to basic value in Hughson Westlake by change of frequency (together with mode 13).
Mode 11: Hughson Westlake minimum (-10dB to 40 dB).
Mode 12: Hughson Westlake maximum (50 dB to 80 dB).
Mode 13: Hughson Westlake basic level (0dB to 50 dB).
Mode 14: Connection/disconnection of the key to AudioConsole
Mode 15: Selection of serial or parallel printer.