Oscilla® SM950
Diagnostic Memory Audiometer

*** large memory ***
*** parallel and serial port ***
*** three automatic threshold tests ***

SPECIAL FEATURES

Serial- & parallel port.
Very readable displays.
Noise free push buttons.
3 fully automatic threshold tests.
Storage capacity: 29 audiograms.
Calibration without entering the cabinet.
Automatic printout of complete audiogram.
Narrow band masking. Intensity up to 100 dB.
Option of visualising the audiogram during the test.

NOAH compatible

Oscilla® SM950 Diagnostic Memory audiometer is a unit, where all functions are controlled by an advanced microprocessor. ***Oscilla® SM950 Diagnostic Memory audiometer*** contains a storage capacity of 29 audiograms; which all may be stored for later printout or transfer to patient file. The backup memory will save all data when the unit is turned off. The audiograms will be transferred in a format, which makes it possible to transfer data to patient file.
Or you may have a special designed software program called AudioConsole (optional) designed by Inmedico; which cheap and very easy makes it possible for the users to create their own patient file system.

The device automatically selects the correct symbols for left or right ear as well as masking and bone. If you visualise the results on the screen during a test, one push on the DATA button will update the audiogram. Is a printout required, simply press the PRINT button - and you will, within a few seconds, have a full audiogram printed out.

The build-in tone generator is crystal driven and delivers very stable frequencies and is insensitive to temperature fluctuations. The ***Oscilla® SM950 Diagnostic Memory audiometer*** may perform either manual or fully automatic hearing test – the DATA and PRINT procedures are the same in both cases.
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
Bone Conduction dB	30	40	60	60	70	70	70	70	60	50	0
Masking dB	60	80	100	100	100	100	100	100	100	90	80

Narrow Band Masking:
Narrow Band Masking automatically follows the tone frequency and when tone is given to one ear the narrow band masking is connected to the opposite ear. During bone conduction masking will be connected to RIGHT earphone. By means of SETUP the masking attenuator may be linked to the tone attenuator; masking attenuator may still be operated individually.

Setup:
The setup allows you to change some of the functions of the device, making it possible for you to use a setup fitted to your individual needs. The program stores the changes until a new setup is made, and you have the following options:
Mode 1: The option of selecting or de-selecting frequencies.
Mode 2: Tone durations of OFF, 0.5, 1.0 and 1.5 seconds.
Mode 3: Option of selecting or de-selecting storage capacity.
Mode 4: You may choose to turn off the tone when you change frequency or channel.
Mode 5: Select if the masking attenuator should follow the tone attenuator or not.
Mode 6: 20 dB automatic threshold test, standard automatic test or Random 20 dB automatic test.
Mode 7: Selection of printer: 9 or 24 pin printers, HP printers or IBM ProPrinters.
Mode 8: Printer carriage return on/off.
Mode 9: Select if air and bone audiograms should be printed in two separate frames.
Mode 10: Select if left and right audiograms should be printed in two separate frames.
Mode 11: Connection/disconnection of the key to 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.

Manufactured by: Inmedico A/S, 8520 Lystrup – Denmark
Tel: +45 8674 2622 / Fax: +45 8674 2616
Mail: info@inmedico.com / Web: www.inmedico.com

CE -0543

1.03/2009-04-23/SSP/LE