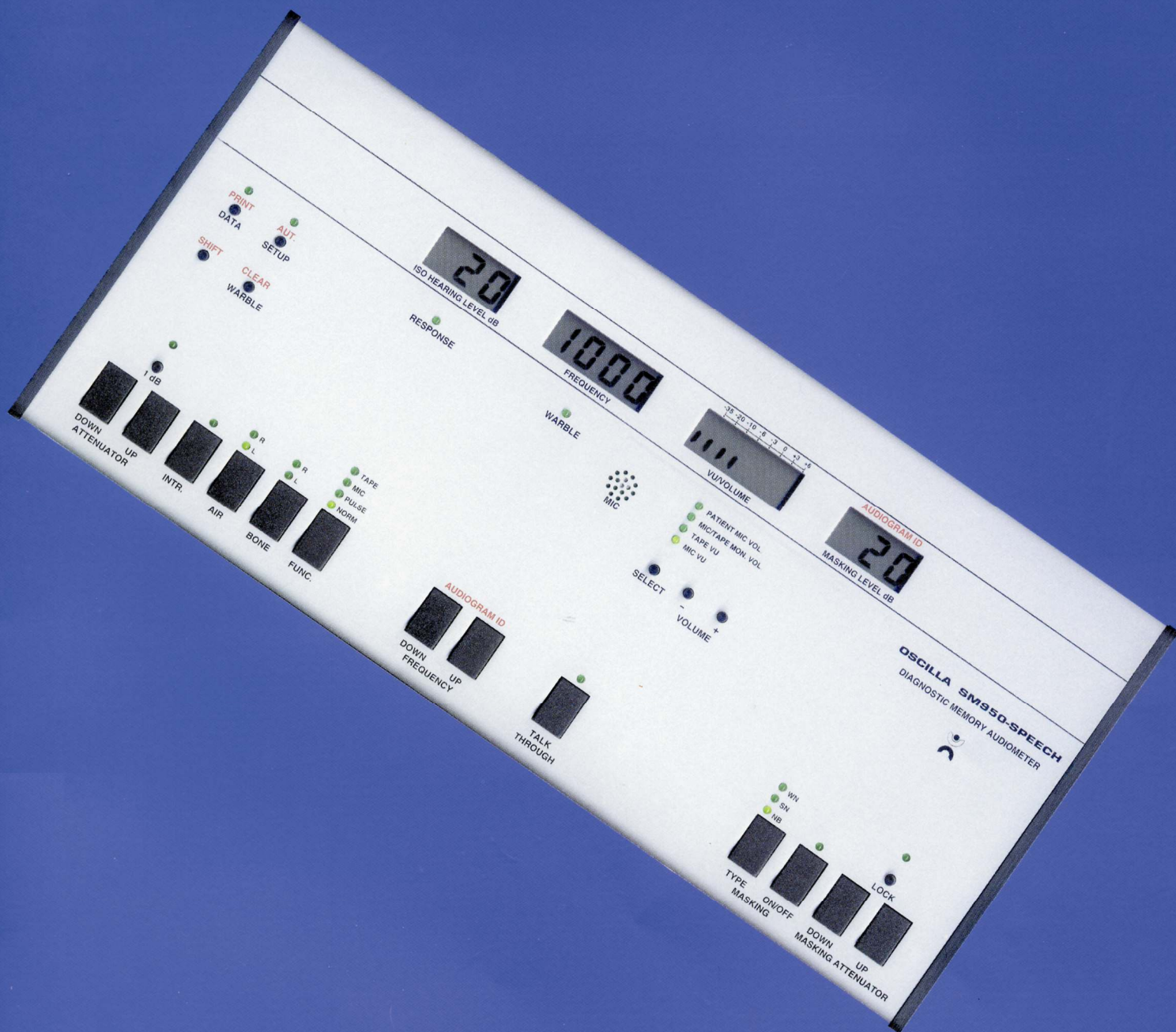


Oscilla[®] SM950-S SPEECH Diagnostic Memory Audiometer



- * speech *
- * parallel and serial port *
- * software for Windows *
- * three automatic threshold tests *

SPECIAL FEATURES

Speech

Warble

Build in microphone

Serial- & parallel port

Connection to MIC/TAPE or CD

Storage capacity: 29 audiograms

Soundpressure to 110 dB (Bone: 70 dB)

Automatic printout of complete audiogram

Narrow band masking. Intensity up to 100 dB

11 frequencies: 125 Hz - 8000 Hz (selectable)

Option of visualising the audiogram during the test

**NOAH
Compatible**

Oscilla® SM950-S SPEECH Diagnostic Memory audiometer is a unique speech audiometer with functions controlled by an advanced microprocessor. **Oscilla® SM950-S SPEECH 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. Together with your **Oscilla® SM950-S SPEECH Diagnostic Memory audiometer** 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. You may print out air and bone with results shown on the same audiogram or printed on two different audiograms.

The build-in tone generator is crystal driven and delivers very stable frequencies and is insensitive to temperature fluctuations. The **Oscilla® SM950-S SPEECH Diagnostic Memory audiometer** may perform either manual or fully automatic hearing test including a very useful RANDOM automatic test, where the program selects both frequency as well as sound level randomly. The DATA and PRINT procedures are the same in both cases. **Oscilla® SM950-S SPEECH Diagnostic Memory audiometer** has a build-in microphone for the talk-through/talk-back function as well as connection to MIC/TAPE or CD. 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	40	0
Masking dB	60	80	100	100	100	100	100	100	100	90	80

Narrow Band Masking:

NB: (narrow band) Very effective with tone audiometry, and follows automatically the frequency of the tone.

SN: (speech noise) Frequency response which approaches that of normal speech.

WN: (white noise) Linear masking.

Setup:

It 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: 20 dB automatic threshold test, standard automatic test or Random 20 dB automatic test.

Mode 6: Selection of printer: 9 or 24 pin printers, HP printers or IBM ProPrinters.

Mode 7: Printer carriage return on/off.

Mode 8: You may choose to have air and bone printed out separately, or on the same audiogram.

Mode 9: 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.

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