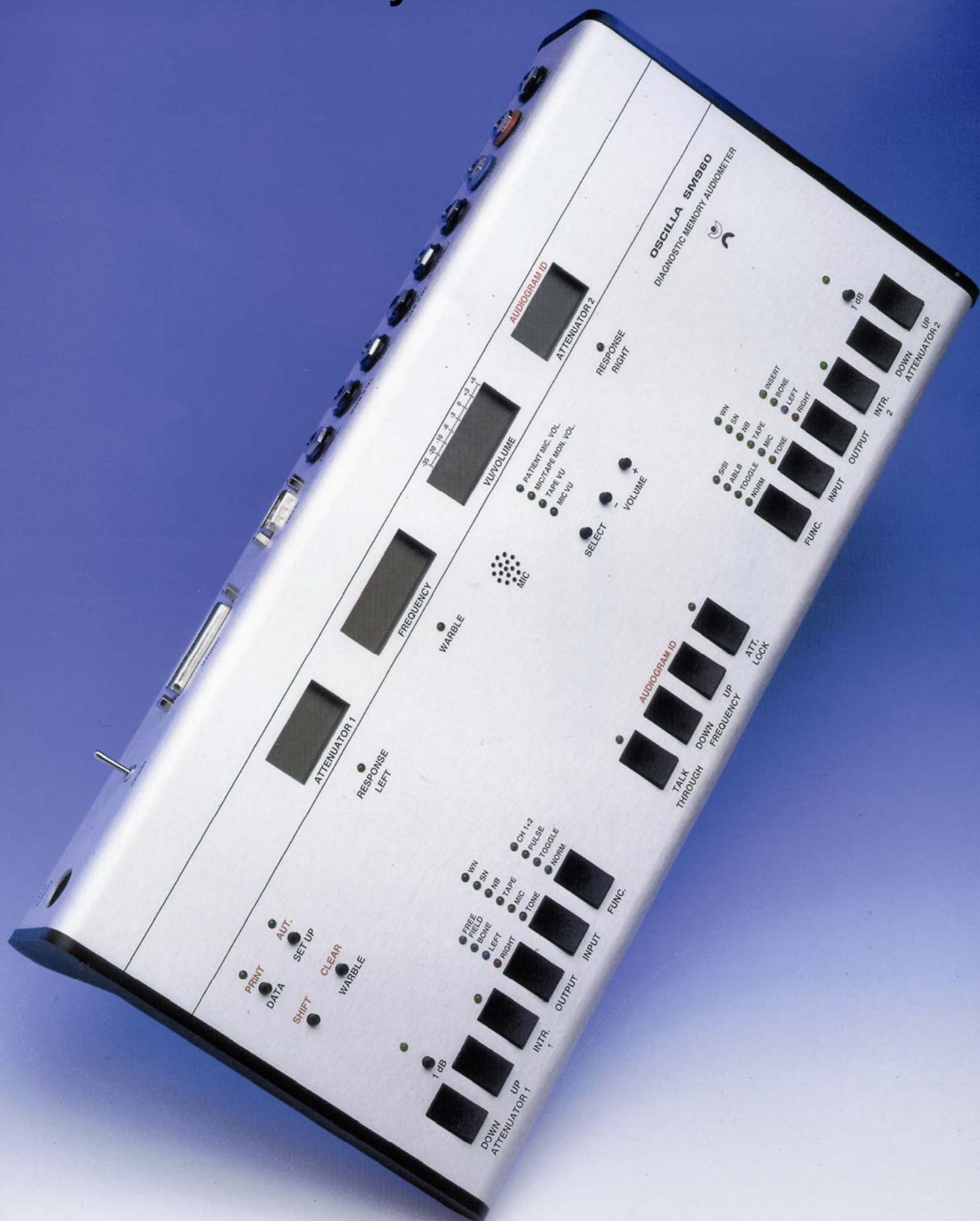


Oscilla[®] SM960-C Clinical Memory Audiometer



* PC compatible *

SPECIAL FEATURES

**NOAH
compatible**

Two Channels.
Pure and Warble tone.
Processor controlled calibration.
Built-in Talk Through and talk back system.
Noise free attenuators with 5 or 1 dB steps.
Connections for Bone, Insert and Free Field.
Three types of masking noise including Narrow Band.
Calibrated speech audiometry by live voice or tape/CD.
Automatic SISI / 3 fully automatic threshold and screening tests.

Built-in Inputs:

Pure and Warble Tone Generator with 11 frequencies from 125 Hz to 8000 Hz.
Masking: Narrow Band, Speech Noise and White noise.
Electret microphone.
All inputs are available from both channels.

External Inputs:

Tape or CD.
Input for talk-back microphone.

Outputs:

Air and Bone available from both channels.
Calibration for two sets of earphones.
Free Field on channel 1.
Insert on channel 2.

Maximum intensities:

Frequency Hz	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Tone, Air conduction dB	80	100	120	120	120	120	120	120	120	110	100
Narrow Band, Air conduction dB	70	90	110	110	110	110	110	110	110	100	90
Tone, bone conduction dB	30	40	70	70	70	70	70	70	70	50	0
Narrow Band, bone conduction dB	20	30	60	60	60	60	60	60	60	40	0
Tone, insert dB	80	100	110	120	120	120	120	120	120	110	100
Narrow Band, insert dB	70	90	100	110	110	110	110	110	110	100	90
Tone & Narrow Band, Free-Field dB	80	90	100	100	100	100	100	100	100	100	90

Speech noise and white noise: Air: -10 to 115 dB. Bone: -10 to 70 dB. Insert: -10 to 100 dB

Mic. / tape: Air: -10 to 100 dB. Bone: -10 to 70 dB. Insert: -10 to 100 dB

Speech noise, white noise and mic. / tape to Free-Field: -10 to 100 dB.

Distortion, output signal:

Less than 0.5 %.

Hearing Level:

Acoustical: within +/- 3 dB of indication. (+/- 5dB at 6000 and 8000 Hz)

Accuracy, frequency:

Better than 1 %.

Power Supply:

Mains adapter: 18V AC.

Power Consumption:

Less than 800 mA.

Memory:

A total of 23 audiograms.

Interrupters:

Channel 1: Manual, Toggle, Pulse and Ch.1 + Ch.2. *Channel 2:* Manual, Toggle, ABLB and SISI.

ABLB:

Automatic presentation of four tones alternately to each ear of 0.3 sec. duration and 0.6 sec. pause. Or you may choose individually in SET-UP the length of tone and duration of pauses. Range from 0.1 to 1.0 sec.

SISI:

Gives a constant tone with short increments in sound level of 5, 2 or 1 dB. This is repeated 20 times. The total number of answers will flash in the display when the test is finished.

VU Meter:

Speech/Tape sound level is shown in the display.

Communications:

Built-in talk-through & talk-back amplifiers with individually adjustable volume. The monitoring signal is mixed with the talk-back signal. Microphone type: Electret. Monitor headsets may be mono or stereo. Two patient response indicators (LED's), display provides visual indication of sensitivity and volume adjustments for Microphone, Tape/CD and monitoring.

Dimensions:

Length: 389 mm. Width: 180 mm. Height: front: 25 mm, back: 55 mm.

Weight:

Approx. 1.5 kg. (unit only).

Standard Accessories:

TDH-39 earphones, SILENTA noise reducing headset, B-71 Radioear Bone Conductor, double patient: LEFT marked with blue - RIGHT marked with red, mains adapter.

Extra Accessories:

PC cable, Printer cable, AudioConsole, Insert Phone (type EARTone).

AudioConsole:

A special designed software program, designed by Inmedico; which cheap and very easy makes it possible for the users to create their own patient file system.