

# Oscilla<sup>®</sup> SM930 Screening Memory Audiometer



**\* Automatic screening for the future \***

# SPECIAL FEATURES

**Oscilla® SM930 Screening Memory audiometer** equipped with a host of features making it extremely advanced and at the same time focusing on ease - of - use. **Oscilla® SM930 Screening Memory audiometer** contains storage capacity of 90 audiograms, which all may be stored for later printout or transfer to patient file. The programmed values are stored in the internal memory, and naturally kept even if the unit is turned off.

Together with your **Oscilla® SM930 Screening Memory audiometer** you may have a special designed software program: AudioConsole designed by Inmedico; which cheap and very easy makes it possible for the users to create their own patient file system. In addition the **Oscilla® SM930 Screening Memory audiometer** transfer test results in a format, which makes it possible to transfer data to patient file systems already existing.

By printing or transfer to PC the device automatically selects the correct symbols for left or right ear, and in addition you may choose manual or automatic transfer/printing.

Do you want a printout you may perform it just after finished test OR you may 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 three 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 completely against environmental hazards.

## Technical specifications:

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

**NOAH  
compatible**

## 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:** Automatic transfer - 9600 baud.  
**Calibration:** Calibration data stored in programmable memory (EN60645-1).  
**Power supply:** Netadapter for 220-240 V AC.  
**Dimensions:** 295mm x 180mm x 55mm.  
**Weight:** Approx. 1 kg.  
**Standard accessories:** TDH-39 earphones, SILENTA noise reducing headset, patient response, netadapter.  
**Optional extras:** Carrying bag, PC cable, Printer cable, AudioConsole.  
**Printer requirements:** Printer with a Centronics parallel port (IEEE 1284-kompatibel), which supports: HP PCL3-PCL5E, 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 0, 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 or Random 20 dB automatic 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 the key to AudioConsole.
- Mode 9:** Selection of serial or parallel printer.