

SCREENING AUDIOMETER



Oscilla SM930 Screening Memory Audiometer

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 81 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.

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.

The 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.

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: Power supply 220-240 V AC.

Dimensions: 295mm x 180mm x 55mm.

Weight: Approx. 1 kg.

Standard accessories: TDH-39 earphones, Peltor noise reducing headset, patient response, power supply.

Setup:

The preset functions can be altered using the setup menu. Some of the setup menu items are:

- Each of the 11 frequencies can be connected or disconnected.
- Automatic length of tone of 0, 0.5, 1.0 or 1.5 seconds.
- Connecting/disconnecting storage function, and you may choose manual or automatic data transfer.
- 20 dB automatic threshold test, standard automatic test, Random 20 dB automatic test or Hughson Westlake test.
- Back to basic value in Hughson Westlake by change of frequency (together with mode 13).
- Hughson Westlake minimum (-10dB to 40 dB).
- Hughson Westlake maximum (50 dB to 80 dB).
- Hughson Westlake basic level (0dB to 50 dB).