

AUDIOMETER

Mod. ADMTR/EV

INTRODUCTION

The application of most advanced technologies allows to use more and more updated equipment and integrated functions. Audiometers are extremely compact and light instruments used to measure hearing accuracy. The audiometer carries out a series of tests giving different results which are used to diagnose the state of hearing loss. The results output by an audiometer constitute an audiogram.

Main characteristics:

- Aerial conduction, bone conduction and masking
- Storage of various audiograms
- 11 test frequencies from 125 to 8000 Hz
- Quick screening on all frequencies at 20 dB
- Digital adjustment of the instrument
- Serial and parallel port of the instrument
- Printer of audiograms connected with parallel port
- Internal memory for data storage even when the instrument is off
- It is possible to back-up data on personal computer

Technical characteristics:

- 3 automatic tests for recognition of hearing threshold
- calibration is possible without opening the instrument case
- direct printing of audiograms on compatible printer
- masking intensity over 100 dB
- it is possible to display audiogram during test
- manual / automatic mode
- hearing thresholds: from -10 dB to 110 dB by 5-dB steps
- frequencies (Hz): 125 250 500 750 1000 1500 3000 4000 6000 8000
- aerial conduction
- bone conduction
- masking dB
- setup: it is possible to fit instrument settings to individual needs: Mode 1 to Mode 11
- programmable for future additional functions.
- power supply unit: 12 Vac (220-240 V)



The instrument is connected externally with a box with test points (\varnothing 2 mm) which enable a simple and safe detecting procedure. This enables students to understand also the main functions of the circuit.

REQUIRED

- INSTRUMENTS - NOT INCLUDED -
- MULTIMETER
 - OSCILLOSCOPE