MT 10 - HANDHELD IMPEDANCE TYPANOMETER

- 33665 MT10 - HANDHELD TYPANOMETER
- 33666 MT10 - HANDHELD TYPANOMETER WITH IPSI-REFLEX

Professional handheld tympanometer for setting fast and reliable testing in an easy and cost effective way.

Objective analysis
The MT10 automatic tympanometer is fast and easy to operate and provides objective measures that cannot be obtained by otoscopy alone.

Easy and fast tympanograms
Results can be obtained with little effort and with no response required from the patient. This is especially beneficial when dealing with difficult-to-test patients or small children.

Clinical application
The MT10 is also suitable for diagnostic use as tympanometer and (33666 only) reflex responses are all recorded with great detail. With MT10 you can detect otitis media (a major cause of temporary or permanent hearing impairment in children), a perforated eardrum, cholesteatomas and certain neurological disorders. You can also check tympanostomy tubes and follow up on post medical treatments.

ipsilateral Acoustic Reflex (33666 only)
Four different reflex tests at 500, 1,000, 2,000, 4,000 Hz may be performed per ear using either fixed or automatic intensity selection. The test is carried out at the correct pressure level and the actual reflex characteristics are displayed on the screen for the operator to view and interpret.

30 patients in memory
The MT10 can hold test results of up to 30 patients in its memory. This makes it possible to screen a large group of patients and print out the data at a later time.

PC-integration
Full data-transfer to PC through optional infrared USB interface and software. Supplied with handle, set of 139 disposable ear-tips (mixed sizes) and 4x1.5 V, manual in GB, DE, FR, IT, ES, SE, GR, PT, DK, FI, CZ, PL, LT, EE, HU, NL, NO, IS, RO, MK.

TECHNICAL SPECIFICATIONS

- Power supply: 3AA batteries (included)
- Dimensions: LxWxH: 25x7x5 cm
- Weight: 360 g
- Weight 285 g

MT 100 - HANDHELD TYPANOMETER

PA5 PEDIATRIC PORTABLE AUDIOMETER

- 33601 PA5 AUDIOMETER
- 33602 TDH39 AUDIOMETRIC HEAD PHONE

PA5 is a paediatric portable audiometer with air conduction, free-field and visual stimulation capabilities. By means of a headphone it can also be used as a regular screening audiometer for adults. PA5 unique features are primarily meant to help doctors in evaluating the auditory behaviour in neonates and infants till 24 months of age by means of specific tests:

Auropalpebral Reflex (APR) test
APR test is a startle reflex of the eyelid elicited by relatively strong sounds that can be performed on neonates from the day of birth. It is not based on co-operation with the newborn child.

Conditioned Orientation Response (COR) test
COR test is based on the phenomenon called “Orientation Reflex” which is a natural reflex movement elicited by sound or visual stimulation. If the visual stimulation elicits a reflex which is conditioned by a tone, the child will look towards the visual stimulation as soon as the tone is heard. If the conditioning is effective the child will look in the direction of the sound source even before the visual stimulation is presented.

Visual Reinforcement Audiometry (VRA) test
VRA test is an extension and modification of COR, where the cooperation with the child is less important. Not only the sound localization orientation reflex are accepted but also four other reactions: reflex reactions (body and face), search reactions, orientation reactions and spontaneous reactions.

Reflex audiometry and maturation of auditory response tests differ between species and are presented in terms of intensity, frequency, duration, direction of sound in order to elicit proper reactions like waking-up, crying, astonishment, direct sound localization. Supplied with GB manual and quick guide (GB, US, DE, FR, SE, IT, PT, DK, FI, ES, GR, CZ, PL, NL, NO, EE, HU, SL).

TECHNICAL SPECIFICATIONS

- Frequencies: 500, 1,000, 2,000, 3,000, 4,000 Hz
- Intensities: Distance 50 cm:
  - Warble tone: 20/30-80dB HL in 10dB steps, for 500-4000Hz
  - WN: 10/20-70dB for NB
- Weight: 360 g
- Power supply: 3AA batteries (included)