

AT 712 – Tympanometer „ENT“



- PC-driven Tympanometer for the ENT
- intuitiv and automatic for easy use
- Modular structure – same hardware with functional extension exactly for your neccessities
- Impedanz-Modul „ENT“
 - Standard-Tympanometry (Probe tone 226 Hz)
 - Stapediusreflex ipsi- and kontralateral (Screening / Threshold)
 - Automatic start / intuitiv guidance through the measurement
 - Comfortable choice of measurement tests
- Extendable through Software-Moduls
 - Tympanometry for child-screening (Probe tones 1000Hz / 678 Hz)
 - Tympanometry-Modul „clinic“, Reflex-Diagnosis, ETF 1-3, Tympanometry-Modul „Children“

Auritec Medizindiagnostische Systeme GmbH
Dernauer Straße 12, 22047 Hamburg
Tel.: 040 / 69 65 40 -0
e-mail: vertrieb@auritec.de
Internet: www.auritec.de

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The key for successful use of Tympanometry in ENT practises is an **easy, intuitiv use with automatical measurement tests**. If that is the case, you get fast and reliable results.

A PC-driven device with different moduls makes it possible to design the Tympanometer as you need it. No functions have to be paid which are of no use for you but if you need more tests later, you can have the **software extension** in that moment.

Everybody can use this Tympanometer. We focussed on this and included an **automatic start** of the measurement when the probe fits. Also integrated are **defined test functions** which extinguish misunderstandings between doctor and staff.

This should help for a fast and straight-on process.

The AT712 is the new **stand-alone Tympanometer** of Auritec – besides the integrated Tympanometer which we build successfully for years. Most of our products have a standardised screen design which helps the customer using the different products. The AT712 is integrated into our **data base** structure, so that all test results can be saved into the patient's data base. If you don't know our solution for the visualisation of measurment data, please ask for a presentation – the advantages are shown quickly.

The modular extension **Children Tympanometry-Screening** (optional) gives you the possibility to check fastly the status of the middle-ear of infants and small children. The measurement of these children is optimised through the use 1000Hz and 678Hz probe tones, a smaller area for pressure changes, an automatic start of the measurement and the drawing of the curve even if the test could not be completed. All this is completed by a high speed of the measurement.

Technische Daten

Impedance-Modul „ENT“

Test Measurements:

- Tympanogramm,
- Stapediusreflex-Measurement Ipsi and Kontra
- Reflex-Screening or Threshold detection
- automatic measurement after Start

Probe tone: **226Hz (85 dB SPL)**

Pressure area: max. \pm 400 dPa, changeable

Speed of pressure changes:

max. 250 dPa/s, changeable

Stimuli for Reflexes: Sinus, NBN and BBN

Kontralateral headphone: GSI-insert-phone (Standard),
Headphone DT48 (optional)

PC-connection: USB

GDT/BDT-conjunction

Connectable to Avantgarde-Software

Extension for Children-Screening

Modul „Tymp: Infant Screening“

Test Measurements:

- Tympanogramm
- Probe Tones 1000 and 678 Hz (75 dB SPL)
- Pressure area reducable for good acceptance
- high spped of pressure change for quick results
- Curves with two different probe tones, drawn right after measurement within one diagramm for a saver diagnosis of middle-ear status of infants

Basic-Moduls of the AT 712

- **Tympanometer „ENT“** (this data sheet)
- **Tympanometer „Clinic“** (see extra data sheet!)
- **Tympanometer „Children“** (see extra data sheet)

Modular Extension for each of the Basic- Moduls:

- **Tymp: Child-Screening** (see left side)
- **Reflex-Diagnosis** (Manual Reflex Measurement, Reflex-Decay, Reflex-Latency)
- **Tube Function** (intact ear drum ETF1, perforated ear drum ETF2, Impedance changes-Test ETF3)