

EasyTymp Impedance Screener

Fast ultra-portable handheld tympanometer



EasyTymp

- Unique handheld tympanometer with space-saving design
- Fast, accurate, automatic middle ear measurements
- Ergonomic design for constant daily use
- High resolution colour display screen shows results instantly
- Large 1Gb memory stores up to 250,000 tests!
- Ipsi-lateral Reflex frequencies: 500, 1000, 2000 and 4000 Hz
- Probe tone: 226 Hz (with optional extra of 1000 Hz)
- Rechargeable battery power – no trailing leads!
- Second battery supplied as standard with charging cradle for extended use
- Drop-in charging cradle for easy charging and printing
- Options for: Printer, High Frequency 1000 Hz probe tone, External probe, Wall mount

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General Technical Specifications

Fast diagnosis of the middle ear

The Maico EasyTymp performs fast impedance and ipsilateral reflex tests, taking just three seconds to produce results, which are clearly displayed on the high-resolution colour display. If chosen with the integrated thermal printer a printout of results is provided quickly and quietly as soon as the EasyTymp is placed in the charging cradle.

Easy and comfortable to operate

A test starts as soon as a good seal with the ear is achieved. Tympanogram and test results are shown in real time on the display, both ears are stored together on the handheld unit for later transfer or print.

Automatic Functions

The impedance test starts automatically with the intensity of the reflex test increasing automatically until a reflex is detected or the maximum level is reached. Start and Stop pressures can be user-programmed in the setup function. Printouts can be set to start automatically as soon as the handheld unit is docked in the cradle.

Three EasyTymp configurations are available:

System 1:

Complete System of Handheld Tympanometer, Charging Cradle Thermal Printer, 2nd Battery, Case, Eartips

The handheld tympanometer unit is stored and charged by the cradle and with its integrated thermal printer will output test results automatically as soon as the unit is docked. A separate eartip storage box keeps a handy selection of different sizes nearby for instant use. A second battery is stored and charged within the charging cradle for an instant battery swap. (Code: MA/EASYTYMP1/BOM)

System 2: Handheld Tympanometer, Charging Cradle, 2nd Battery, Case, Eartips.

If you choose to use your PC's printer then this set saves you money. The handheld unit is charged by the cradle which can be connected to your PC with an (optional) USB cable. Eartip storage is within the cradle. A 2nd battery is also supplied. (Code: MA/EASYTYMP2/BOM)

System 3: Handheld Tympanometer, Case, Eartips, Power Supply

The basic set with a separate plug-in power supply. All printing and test transfer is done via a connected PC. (Code: MA/EASYTYMP3/BOM)

Optional accessories:

High Frequency Probe Tone upgrade – MA/EASYTYMP/HFTONE
 External probe, 35cm – MA/EASYTYMP/EXTPROBE
 Audiometry software module – MA/EASYTYMP/AUDMODULE
 Wall mount for cradle – MA/EASYTYMP/WMOUNT

K304/4.5	SCREENING TYMP EARTIPS FOR EASYTYMP – 4.5MM – PACK OF 100
K304/5	SCREENING TYMP EARTIPS FOR EASYTYMP - 5MM – PACK OF 100
K304/5.5	SCREENING TYMP EARTIPS FOR EASYTYMP – 5.5MM – PACK OF 100
K304/7.5	SCREENING TYMP EARTIPS FOR EASYTYMP – 7.5MM – PACK OF 100
K304/9	SCREENING TYMP EARTIPS FOR EASYTYMP – 9MM – PACK OF 100
K304/10	SCREENING TYMP EARTIPS FOR EASYTYMP – 10MM – PACK OF 100
K304/11	SCREENING TYMP EARTIPS FOR EASYTYMP – 11MM – PACK OF 100
K304/13	SCREENING TYMP EARTIPS FOR EASYTYMP – 13MM – PACK OF 100
K304/15	SCREENING TYMP EARTIPS FOR EASYTYMP – 15MM – PACK OF 100
K304/19	SCREENING TYMP EARTIPS FOR EASYTYMP – 19MM – PACK OF 100
K304/22	SCREENING TYMP EARTIPS FOR EASYTYMP – 22MM – PACK OF 100
AF/KA9	PRINTER ROLL FOR EASYTYMP THERMAL PRINTER – 5-PACK



Technical data

Tympanometry Mode

Probe frequency, intensity	226 Hz, 69 dB HL with AGC for constant level at different ear canal volumes
Pressure range	+200 to -300 daPa
Pressure limitation	-750 daPa and +550 daPa
Pressure change rate	Minimum, medium, maximum or automatic with minimum speed at compliance peak. Selectable in setup. Range is 50-350daPa
Compliance range	0.1 to 8.0 ml at 226 Hz probe tone (ear volume: 0.1 to 8.0 ml) and 0.1 to 15mmho at 1000Hz probe tone
Volume range	0.1 to 8.0 ml
Accuracy	+/-5% or +/-10% DApa

Reflex Mode

Test frequencies	500, 1000, 2000, 4000 Hz
Test method	Ipsilateral
Test types	Automatic reflexes: single intensities, single reflex auto search

General

Safety	IEC 60601-1, Class II, Type B
EMC	IEC 60601-1-2
Impedance	IEC 60645-5/ANSI S3.39, TYPE 1
Medical directive	93/42/EEC
Memory	1Gb. Up to 250,000 tests stored
Printer	Fast, virtually silent thermal type
Display	High resolution colour LCD
PC interface	USB input/output
Dimensions	80 x 360 x 60 (WxDxH in mm)
Weight	417g
Standard accessories:	Carry case, calibration cavity, charger cable, eartip box, 70 mixed eartips, spare probe tip, probe cleaner, PSU user guide, quick guide

SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

THE UK'S LEADING SOURCE OF AUDIOLOGICAL INSTRUMENTS