

## Interacoustics MT10 Kamplex/KT20

Handheld Middle Ear Analyzer - Efficient Middle Ear Examinations



# MT10

In modern healthcare settings fast and reliable testing is paramount. The MT10 is built to meet these requirements in an easy and very cost effective way. For example

otitis media, a major cause of temporary or permanent hearing impairment in children, can be easily and quickly detected and documented with the MT10.

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### General Technical Specifications

#### Interconnections



#### Standards:

Impedance: EN 60645-5, ANSI S3.39, Type 2.  
Audiometer: EN 60645 -1, ANSI S3.6, Type 5.  
Safety: EN 60601-1, Class 1, Type B.  
EMC: EN60601-1-2.

#### Medical CE-mark:

Interacoustics A/S meets the requirements of the Annex II of the Medical Device Directive 93/42/EEC. Approval of the quality system is made by TÜV – identification no. 0123.

#### Calibration:

Impedance: EN 60645-5/ANSI S3.39.  
Audiometer: Interacoustics Standard.

#### Tests:

##### Tympanometry:

Normal: +200 to -300daPa.  
Extended: +300 to -600daPa.

##### Acoustic Reflex Test:

4 reflexes per ear.

Automatic Intensity Search or Fixed Stimulus Intensity.

Intensities: Up to 110dBHL (100dBHL @ 3-4kHz).

Frequencies: 0.5kHz, 1kHz, 2kHz, 3kHz, 4kHz.  
Actual reflex recorded and displayed.

##### Screening Audiometry:

Intensity: 10dBHL to 50dBHL.

Frequency: 0.5kHz, 1kHz, 2kHz, 3kHz, 4kHz.

#### Probe Tone:

Frequency: 226Hz +/-3%.  
Amplitude: 85dB SPL +/- 3dB.

#### Pressure:

Direction of Sweep: Positive to negative.  
Pump Speed: 250 - 350 daPa/sec.  
Resetting Time: 0 Seconds.  
Pressure Accuracy: +/- 10% or 10daPa.

#### Compliance Range:

0.0 to 2.5 cc displayed.  
0.0 to 5.0 cc numeric.  
Compliance Accuracy: +/- 5% or 0.1 ml.

#### Internal Memory:

Tympanogram, 4 reflex recordings and audiogram for both left and right ear.  
20 patients' full testing scheme.  
Selective patient storing.

#### Printing:

MTP10 high speed thermal printer station (optional). Standard 8 cm thermal paper.  
Through PC using laBasell or PrintView software (optional).

#### RS232C:

Full data transfer to PC through base stations MTS10 or MTP10.

#### Compatible Software for Windows®:

*PrintView* for on-line PC monitoring and printing.  
*laBasell* database and diagnostic modules.  
*NOAH Impedance Module* allows test results to be stored and viewed within the NOAH program.

#### Power Supply:

3 high quality rechargeable NiMH batteries incl. Accepts standard AA NiCd batteries.  
Automatic charging of rechargeable batteries while resting in MTS10 or MTP10.

#### Construction:

Plastic cabinet.  
**Dimensions:** (LxWxH) 10x25x13 cm / 4x10x5 inches.

**Weight:** 500 g/ 1.1 lbs.

**Air freight packing:** (LxWxH) 60x39x18 cm / 23.6x15.4x7 inches.

**Gross Weight:** 3.8 kg / 8.4 lbs. incl. MTS10, 5.3 kg / 11.7 lbs. incl. MTP10.

#### Included Parts MT10/MTS10:

MT10  
MTS10 Desk unit (charger and RS232C)  
3 NiMH rechargeable batteries  
K305 Set of eartips  
Operation manual CD  
Multilingual CE instructions for use

#### Included Parts MT10/MTP10:

MT10  
MTP10 Base station with built in high speed thermal printer, charger and interfacing to PC.  
ATF20 5 rolls of thermal paper  
UPS400 Power supply  
3 NiMH rechargeable batteries  
K305 Set of eartips  
Operation manual CD  
Multilingual CE instructions for use

#### Optional Parts:

ACC20 Carrying case for MT10 + MTP10  
ATF20 5 rolls of thermal paper  
K305 Set of eartips  
PrintView  
laBasell and Diagnostic Modules  
la-NOAH-Imp module  
IFC69 cable for PC connection (9 pins)  
IFC59 cable for PC connection (25 pins)

SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

THE UK'S LEADING SOURCE OF AUDIOLOGICAL INSTRUMENTS