



# MA 41 & MA 42

Air • Bone • Speech  
Audiometer Series

## Portable and Stand-alone

Introducing the next generation of standalone audiometers. New ergonomic design, lightweight portability, and a full color screen display, make the MA 41 or the MA 42 the ideal choice for an office or on the go hearing health care professionals.



### Customizable

- User settings can be customized to meet individual or facility preferences.
- Variety of special tests (MA 42).

### Ergonomic Design

- Minimal hand and wrist movement with streamlined buttons and MAICO side dials for efficient navigation.
- Friendly button placement for quick transitions while testing.

### Full Color Display

- Full color display allows easy differentiation between right and left ears.



### Lightweight and Portable

The small size and minimal weight make the change to MA 41 and MA 42 ideal for testing on the go. Use the carrying case as your mobile office, where transducers remain plugged in for quick setup during transportation.

# Testing and Reporting

## Integrated Patient Database

The integrated patient database allows you to store numerous patients and sessions.

## PC-Interface via USB

The MAICO audiometry module for MAICO database or NOAH enables the automatic data transfer of the test results.

## Reports and Printouts

Multiple reporting opportunities: Storing reports as a PDF on a USB-Stick adds to the instrument's portability. You can also use the direct printout via USB printer or transfer results to a PC to print.



## Secure

- Save to USB flash drive, SD card, or internal database.
- HIPAA compliant encrypted data with storage to USB flash drive or SD card.
- HIPAA compliant PIN to access patient database.

## Tone Audiometry

**Both the MA 41 and MA 42, provide all necessary air, bone and masking features**

- Air conduction (HL, UCL, Aided)
- Bone conduction
- PTA calculation with selectable frequencies
- Stenger
- Fast switch to monitoring
- Lock-Track

### Additional Tests with the MA 42

- SISI
- Decay
- ABLB
- MLB
- MCL

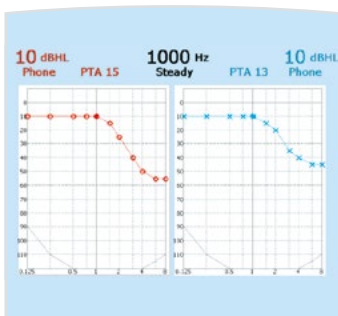
## Speech Audiometry

**Speech audiometry test features**

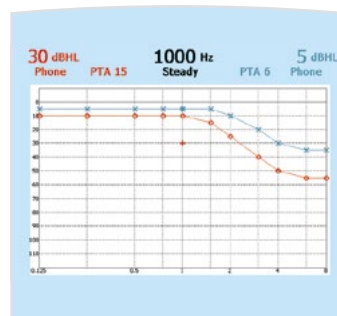
- WAV files, Live Voice, or CD/MP3
- Word Recognition
- Binaural Speech
- Master Hearing Aid
- SRT
- UCL
- QuickSin™

### Additional Tests with the MA 42

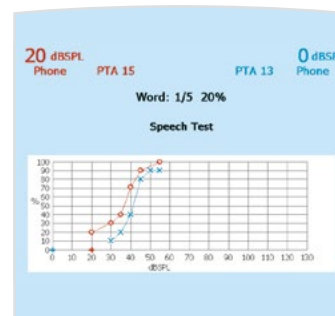
- Speech in Noise
- MCL
- Flexible Mixing



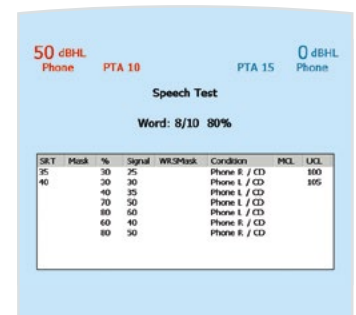
Test results of a dual audiogram



Test results of a single audiogram



Speech tests results as a graph



50 dBHL Phone PTA 10 PTA 15 0 dBHL Phone

Speech Test

Word: 8/10 80%

SRT	Mask	%	Signal	WRS-Mask	Condition	MCL	UCL
35	30	25			Phone R / CD		100
40	30	30			Phone L / CD		105
	40	35			Phone R / CD		
	50	50			Phone L / CD		
	60	60			Phone L / CD		
	60	40			Phone R / CD		
	80	30			Phone R / CD		

Speech test results as a table

# MA 41 and MA 42 - Specifications

## Accessories

### Standard:

DD45 Headphones, B71 Bone Conductor, Patient Response Switch, Mic/Monitor Headset, SD Memory Card w/ WAV Files (2 GB), CD (Audiometry Module for NOAH or MAICO Database), USB Flash Drive, Carrying Case

### Optional:

High Frequency Headphones and High Tone License, Insert Phones, TDH39 Headphones, Monitor Phone, Sound Room Kit, SP90 Free Field Speaker Kit, SP90 Speaker Kit with AP70 Amplifier, Gooseneck Microphone (standard on the MA 42)

Tests	MA 41	MA42
Tone Test	HL, UCL, Aided	HL, UCL, MCL, Aided
High Frequency	option	option
Bone Conduction	X	X
Free Field	option	option
Stenger	X	X
SISI		X
Decay		X
ABLB		X
MLB		X
Speech Test	SRT, WRS, UCL	SRT, WRS, MCL, UCL
QuickSin	X	X
Master Hearing Aid	X	X
Channels	1 1/2	2

## TECHNICAL DATA

### Air Conduction

**Level Range:** -10 to 120 dB<sub>HL</sub>, dependent upon transducer and selected frequency

**Transducer:** DD45

**Test Frequencies:** 125 Hz to 8000 Hz

**Optional:** High Frequency 16000 Hz

### Bone Conduction

**Level Range:** -10 to 80 dB<sub>HL</sub>, dependent upon selected frequency BC

**Transducer:** B71 with headband

**Test Frequencies:** 250 to 8000 Hz

**Test Signal:** Pure Tone, Pulsed, Warble

**Speech:** WAV files, CD or live voice microphone

**Masking Signals:** Narrow-Band Noise, Speech Noise and White Noise (MA 42 only)

**Tests:** HL, UCL, Aided, Speech Reception Threshold, Word Recognition Score, Master Hearing Aid, and QuickSin™

**Additional Tests (MA 42):** MCL, SISI, Decay, ABLB, MLB

**Level Steps:** 5dB, 2dB, 1dB

**PC-Interface:** USB, NOAH Mod., MAICO Database

**Display:** High resolution color display, 640x480 pixels, 5.7 in

**Power Supply:** 100-240V ~ 50/60Hz ±10%

**Size:** 13.4 in x 7.9 in x 3.2 in

**Weight:** 2.7 lbs



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