



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.

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

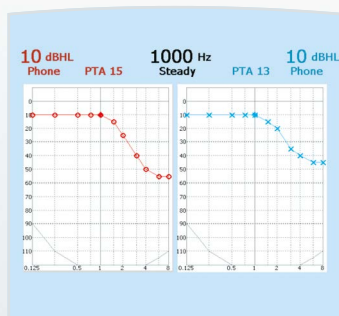
Speech Audiometry

Speech audiometry test features

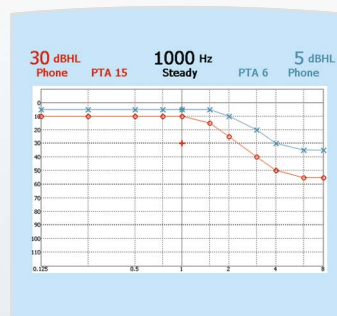
- Wave files, Live Voice, or CD/MP3
- Word Recognition
- Binaural Speech
- Master Hearing Aid
- SRT
- UCL
- QuickSin™

Additional Tests with the MA 42

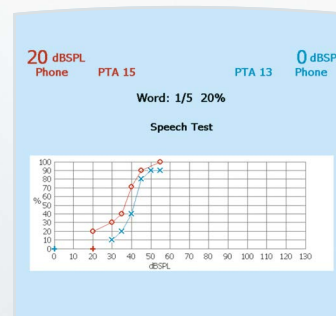
- Speech in Noise
- MCL
- Flexible Mixing



Test results of a dual audiogram



Test results of a single audiogram



Speech test 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 L / CD		
	70	50			Phone L / CD		
	80	60			Phone L / CD		
	60	40			Phone R / CD		
	80	50			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/ Wave Files (2 GB), CD (Noah Audiometry Module w/ Maico Database) USB Flash Drive, Carrying Case

Optional:

High Frequency Option (HDA300 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)

Technical Data

Air Conduction:

Level Range: -10 to 120 dBHL, dependent upon transducer and selected frequency

Transducer: DD45

Optional: HDA300, Insert Phones, TDH39

Test Frequencies: 125 Hz to 8000 Hz

Optional: High Frequency 16,000 Hz

Bone Conduction:

Level Range: -10 to 80 dBHL, dependent upon selected frequency BC

Transducer: B71 with headband

Test Frequencies: 250 to 4,000 Hz

Speech: Wave files, CD or live voice microphone

Tests	MA 41	MA 42
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

Test Signal: Pure Tone, Pulsed, Warble

Masking Signals: Narrow-Band Noise, White Noise, and Speech Noise

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" / 14.5cm

Power supply: 100-240V ~ 50/60Hz ±10%

Size: 13.4" L x 7.9" W x 3.2" H (34.5cm x 20cm x 8cm)

Weight: 2.7 lbs / 1.5 kg



MAICO Diagnostics

10393 West 70th Street
Eden Prairie, MN 55344

Tel.: 888.941.4201
Fax: 952.903.4100

e-mail: info@maico-diagnostics.com
Web: www.maico-diagnostics.com