

## MA 41 and MA 42 Specifications

### INSTRUMENT SPECIFICATIONS

<b>Test Signals</b>	Sinus and warble tone (pulsed and continuous)
<b>Masking Signals</b>	narrowband noise and speech noise
<b>Calculation</b>	PTA, selectable frequencies
<b>Level Steps</b>	5 dB, 2 dB or 1 dB
<b>Display</b>	High resolution color display, 640 x 480 pixels, 15.5 cm
<b>Dimensions</b>	34.5 cm x 20 cm x 8 cm
<b>Weight</b>	1.5 kg
<b>Power Supply</b>	100-240 V~, 50/60 Hz ± 10%
<b>AIR CONDUCTION</b>	
<b>Frequency Range</b>	125 to 8.000 Hz, optional high frequency up to 20.000 Hz
<b>Level Range</b>	-10 to 120 dB <sub>HL</sub> depending on headset and frequency
<b>BONE CONDUCTION</b>	
<b>Frequency Range</b>	250 to 8.000 Hz
<b>Level Range</b>	-10 to 80 dB <sub>HL</sub> depending on headset and frequency
<b>FREE-FIELD</b>	
<b>Level Range</b>	-10 to 90 dB <sub>HL</sub> depending on headset and frequency

Tests	MA 41	MA 42
Tone Test	HL, UCL, Aided	HL, UCL, MCL, Aided
High Frequency	option	option
Bone Conduction	✓	✓
Free-field	option	option
Stenger	✓	✓
SISI		✓
Decay		✓
ABLB		✓
MLB		✓
Speech Test	SRT, WRS, UCL	SRT, WRS, MCL, UCL
Master Hearing Aid	option	✓
Channels	1 1/2	2



### MAICO Diagnostics GmbH

Sickingenstr. 70-71  
10553 Berlin, Germany

Tel.: +49 30 / 70 71 46-50  
Fax: +49 30 / 70 71 46-99

E-mail: [sales@maico.biz](mailto:sales@maico.biz)  
Web: [www.maico.biz](http://www.maico.biz)



6/2017

# MA 41 and MA 42

## MAICO's stand-alone Audiometer Series

## Portable and Stand-alone

This generation of stand-alone audiometers is designed for in-office diagnostics or hearing aid fittings and audiologists on the go. The MA 41 offers sinus tone, warble tone, speech and free-field audiometric testing. The MA 42 comes with a variety of additional diagnostic features. Lightweight portability and a full colour screen display make the MA 41 and MA 42 the ideal choice. The appealing ergonomic design makes these audiometers a visual highlight for your working space.



## Ergonomic Design and Customizable

- Minimal hand wrist movement with streamlined buttons and MAICO side dials for efficient navigation.
- Friendly button placement for quick transitions while testing.
- User settings can be customized to meet individual preferences.

## Full Color Display

The LCD colour display allows easy differentiation between right and left ears.

## Lightweight and Portable

Its small size and minimal weight makes the MA 41 and MA 42 ideal for testing on the go. Use the optional carrying case as your mobile office.



## Testing and Reporting

### Integrated Patient Database

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

### 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.

### PC-Interface via USB

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



## Tone Audiometry

Both the MA 41 and MA 42 provide all necessary features:

- Air Conduction via phones and / or inserts (HL, UCL, Aided)
- PTA calculation with selectable frequencies
- Bone Conduction
- Free-field
- Fast switch to monitoring
- Stenger
- Lock-Track

### Additional Tests with the MA 42:

- SISI • Decay • ABLB • MLB • MCL

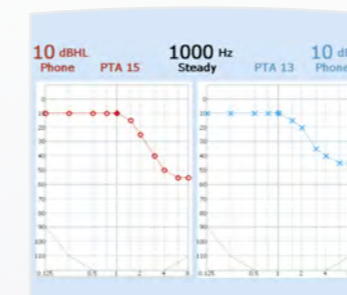
## Speech Audiometry

Speech Audiometry test features

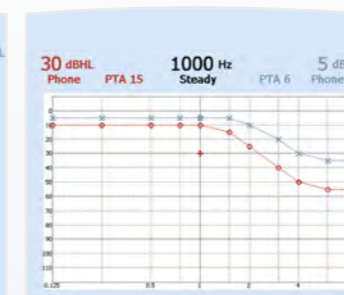
- Wave files, Live Voice or CD/MP3
- Master Hearing Aid (optional MA 41)
- WRS
- Binaural Speech
- SRT
- UCL

### Additional Tests with the MA 42:

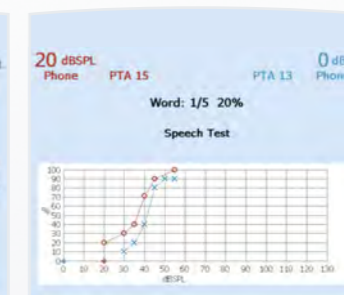
- Speech in Noise • Flexible Mixing • MCL



Test results of a dual audiogram



Tests result of a single audiogram



Speech test results as a graph

SRT	Mask	%	Signal	W/S 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