

# MA 42

## Two Channel Diagnostic Audiometer

### Ergonomic, Portable and Designed to Ease Testing Process

#### Features at a Glance

- Air, bone and speech 2 channel audiometer
- Mixing signals and channels independently
- Connection of one or two AC transducers, BC and sound field testing
- Advanced diagnostic test functions
- Included Special Tests: Pure Tone Stenger, Speech Stenger, MHA
- Optional Extended Special Test bundle: SISI, Tone Decay, ABLB, MLB, Langenbeck test
- Optional High Frequency Audiometry up to 16,000 Hz
- Full colorful display with simple screen design
- Small footprint for ease of portability
- Easy access to talk forward, talk back and monitor functions
- Direct printout of the results, store report as PDF or transfer to MAICO Sessions PC software for printing to PDF/paper
- Compatible with OtoAccess® or Noah
- Optional carrying case

#### Diagnostics with Ease

The MA 42 is a sophisticated diagnostic audiometer with pure tone, speech, and sound field audiometric testing. It offers a small footprint with smart icons to ensure easy operation. The variety of diagnostic features make this an advanced device with simple testing management for an easy workflow. Also included are dual AC connection options and speech playback modes of internal wave files, external audio devices or live speech to make this an ideal product for a variety of test settings.

#### Simple Test Management

To optimize your workflow, you may customize all user settings to your individual preferences. This way testing with the MA 42 is even more efficient and timesaving.

Quick screen transitions and on board communication controls allow you to easily guide your patient through the measurements. Make your work easy with the MA 42!

#### Reporting Made Easy

Just decide what fits your workflow better: Save the test results as a PDF report on a USB stick, print results with the new thermal printer or use our intuitive data transfer software solution, MAICO Sessions, which allows easy management and visualization of your audiometry measurements with each result stored.



# Technical Data

## PURE TONE AUDIOMETRY

<b>Test Signals</b>	Pure tone, warble and pediatric noise (pulsed and continuous)
<b>Test Types</b>	HL, MCL, UCL, Binaural and Aided
<b>Test Frequencies</b>	Standard range: 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz High frequency range: 9000, 10000, 11200, 12500, 14000, 16000 Hz
<b>Masking Noise</b>	Narrow band and white noise
<b>Special Tests</b>	Pure Tone Stenger Extended Special Test bundle (optional): SISI, Tone Decay, ABLB, MLB and Langenbeck Test High Frequency Audiometry (optional)

## SPEECH AUDIOMETRY

<b>Test Signals</b>	Microphone, auxiliary and wave
<b>Test Types</b>	SRT, WRS, MCL, UCL, Binaural and Aided
<b>Masking Noise</b>	Speech and white noise
<b>Special Test</b>	QuickSIN™, Speech Stenger, Master Hearing Aid

## MA 42 SPECIFICATIONS

<b>Level Steps</b>	5, 2 or 1 dB
<b>Hearing Level Range AC</b>	-10 dB HL to 120 dB HL
<b>Hearing Level Range BC</b>	-10 dB HL to 85 dB HL
<b>Hearing Level Range Speaker</b>	-10 dB HL to 115 dB HL

## DEVICE GENERAL

<b>Dimensions / Weight</b>	W x D x H: 13.4" x 7.9" x 3.2" / 2.7 lbs
<b>Power Supply</b>	100-240 VAC ± 10 %, 50/60 Hz, 0.5 A
<b>Display</b>	5.7" TFT display, 640 x 480

<b>Language</b>	English, Dutch, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
<b>PC Interface</b>	USB

## STANDARDS

<b>Audiometer</b>	IEC 60645-1 Type 2-EHF class A-E ANSI/ASA S3.6 Type 2HF class AE
<b>Safety</b>	IEC 60601-1 ANSI/AAMI ES60601-1 CAN/CSA-C22.2 No. 60601-1 Class II, Type B Applied Parts
<b>EMC</b>	IEC 60601-1-2
<b>CE0123</b>	Class IIa according to Medical Device Regulation (EU) 2017/745

## STANDARD COMPONENTS

AC headphone DD45, BC headphone B71, MAICO Sessions PC software, monitor phone & microphone, patient response switch, power supply

## OPTIONAL TRANSDUCERS

AC headphone DD65 v2, AC HF headphone DD450, AC insert earphone IP30, BC headphone B81, SP90A speakers

## OPTIONAL ACCESSORIES

Carrying case, HM-E300 printer kit, patch cords, talk back microphone

## OPTIONAL LICENSES

Extended Special Test bundle, High Frequency Audiometry

## OPTIONAL SOFTWARE

OtoAccess® Database

Specifications are subject to change without notice.

<p><b>Standard Components</b></p>						
	MA 42 Device	AC headphone DD45	BC headphone B81	Patient response switch	MAICO Sessions PC software	
	<p><b>Optional Accessories/ Software</b></p>					
		AC headphone DD65 v2	AC HF headphone DD450	AC insert earphone IP30	Speaker SP90A	Carrying case
HM-E300 printer kit	OtoAccess® Database					

## MAICO Diagnostics

10393 West 70th Street  
Eden Prairie, MN 55344, USA

Tel.: (888) 941-4201  
Fax: (952) 903-4100

info@maico-diagnostics.com  
www.maico-diagnostics.com/us

ONE YEAR LIMITED WARRANTY: This warranty is extended to the original purchaser of the instrument, by MAICO, through the Distributor from whom it was purchased. The warranty covers defects in material and workmanship for a period of one year from date of invoice of the instrument to the original purchaser. Accessories which are purchased from MAICO at the same time as the instrument are also under warranty for one year from the date of invoice. For additional information contact your MAICO Distributor.