

## MA 42

### Two Channel Diagnostic Audiometer

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

##### 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.

##### 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
- Optional high frequency audiometry up to 16,000 Hz
- Advanced diagnostic test functions
- Included Special Tests: Pure Tone Stenger, Speech Stenger, MHA
- Optional Extended Special Tests: SISI, Tone Decay, ABLB, MLB, Langenbeck test
- 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 quickly transfer to MAICO Sessions PC software
- Optional MAICO Sessions PC Software connectable with OtoAccess® or Noah patient database for easy data management



# 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 High Frequency Audiometry (optional), Extended Special Tests (optional): SISI, Tone Decay, ABLB, MLB, Langenbeck Test

## 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 Tests</b>	Speech Stenger, Master Hearing Aid Optional: QuickSIN™, Freiburger Speech Test

## 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: 34.5 cm x 20 cm x 8 cm / 1.5 kg
<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 2, HF class AE
<b>Safety</b>	IEC 60601-1, Class II, Type B applied parts
<b>EMC</b>	IEC 60601-1-2
<b>CE 0123</b>	according to Medical Device Regulation (EU) 2017/745, Class IIa

## STANDARD COMPONENTS

AC headphone DD45, BC headphone B71, patient response switch, power supply

## OPTIONAL TRANSDUCERS

AC headphone DD65 v2, AC HF headphone DD450, AC insert earphone IP30, BC headphone B81, BC headphone BKH10 with masking headphone Holmco 9501, speaker SP85A, speaker SP90A, other speakers and amplifiers on request

## OPTIONAL ACCESSORIES

Talk back microphone, monitor phone & microphone headset, monitor phone (for examiner), patch cords, HM-E300 printer kit (3" thermal printer), carrying case

## OPTIONAL LICENSES

Extended Special Tests, High Frequency Audiometry

## OPTIONAL SOFTWARE

MAICO Sessions PC Software, OtoAccess® Database, OtoAccess® Worklist HL7 (OtoAccess® Database add-on), Noah Database

Specifications are subject to change without notice.

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	MA 42 Device	AC headphone DD45	BC headphone B71	Patient response switch		
	<div style="background-color: #a6a6a6; padding: 5px; text-align: center; color: white;"><b>Optional Components</b></div>					
		AC headphone DD65 v2	BC headphone B81	Speaker SP90A	HM-E300 printer kit	MAICO Sessions PC Software
					OtoAccess® Database	Noah Database

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