∕∕ MAICO

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 free-field testing
- Optional high frequency audiometry up to 16,000 Hz
- Advanced diagnostic test functions
- Full colorful display with simple screen design
- Small footprint for ease of portability
- Easy access to talk forward, talk back and monitor functions
- License management center for easy upgrades
- 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

Diagnostics with Ease
The MA 42 is a sophisticated diagnostic audiometer with pure tone, speech, and free-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 play-back 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

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

SPEECH AUDIOMETRY

Test Signals	Microphone, auxiliary and wave
Test Types	SRT, WRS, MCL and UCL
Masking Noise	Speech and white noise
Special Tests	Optional: QuickSIN™

MA 42 SPECIFICATIONS

Level Steps	5, 2 or 1 dB
Hearing Level Range AC	-10 dB HL to 120 dB HL
Hearing Level Range BC	-10 dB HL to 85 dB HL
Hearing Level Range Speaker	-10 dB HL to 110 dB HL

DEVICE GENERAL

Dimensions	W x D x H: 13.4" x 7.9" x 3.2"
Weight	2.7 lbs
Power Supply	100-240 VAC ± 10 %, 50/60 Hz, 0.5 A
Display	5.7" TFT display, 640 x 480
Language	English, Dutch, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
PC Interface	USB

STANDARDS

Safety	IEC 60601-1:2012
	ANSI/AAMI ES60601-1:2015 + A2:2010 + A1:2012; CAN/CSA-C22.2 No. 60601-1:14
	Class II, Type B Applied Parts
EMC	IEC 60601-1-2:2014
CE0123	Class IIa according to Medical Device Regulation (EU) 2017/745
Audiometer	IEC 60645-1:2017 Type 2-EHF class A-E
	ANSI/ASA S3.6-2018 Type 2HF class AE

STANDARD COMPONENTS

- AC headset DD45
- BC headset B71
- MAICO Sessions PC-software
- Monitor phone and microphone
- Patient response switch
- Power supply

OPTIONAL TRANSDUCERS

AC HF headset DD450, AC insert earphone IP30, BC headset B81, Speaker SP90A, other speakers and amplifiers on request

OPTIONAL ACCESSORIES

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

OPTIONAL SOFTWARE

- OtoAccess® Database
- OtoAccess® Worklist HL7 (OtoAccess® Database add-on)

Specifications are subject to change without notice.

Standard Components

| MA 42 Device | AC headset DD45 | BC headset B71 | Patient response switch | MAICO Sessions PC Software |

Optional Components

| AC headset DD450 | BC headset B81 | Speaker SP90A | 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