

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 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

| | |
|------------------|--|
| 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

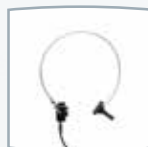


MAICO Sessions
PC software

Optional Components



AC headset
DD450



BC headset B81



Speaker SP90A



HM-E300
printer kit



OtoAccess®
Database

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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.

853847 Rev A
03/2021