

# Portable Audiometer

Air • Bone • Speech

by MAICO Diagnostics

## MA 41

### Introducing

The next generation of the classic MA 41 portable audiometer from MAICO Diagnostics! New ergonomic design, lightweight portability, and packed with features; this air/bone/speech audiometer is perfect for your hearing healthcare needs. A full color display lets you view settings and results on the screen as you test. Integrated wavefiles eliminate the need for a separate CD player, while on-board data file and PDF storage makes this a true, on-the-go audiometer! NOAH compatibility allows thresholds to be stored directly into your NOAH database for seamless hearing aid fittings. Modern design blends with classic MAICO features.

### Speech Audiometry

- The device offers the playback of included speech files from a removable SD memory card or from another external source. The inputs include ports for audio and live-voice microphone.

### Ergonomic Design

- Minimal hand and wrist movement with streamlined buttons and MAICO side dials for efficient navigation.

### Full Color Display

- Easy to read with option to change brightness.
- Full color for easy differentiation between Right and Left ears.



### Intuitive Operation

- Friendly button placement for quick transitions while testing with your new MA 41.

### Lightweight & Portable

- Carry case allows transducers to remain plugged in for quick setup during transportation. (2.7 lbs)

### Customizable

- User settings can be customized to meet individual of facility preferences.

### Secure

- Save to USB flash drive, SD card, or internal database.
- HIPAA compliant encrypted data with storage to USB flash drive or SD card.
- HIPAA compliant PIN to access patient database.

[www.maico-diagnostics.co](http://www.maico-diagnostics.co)





# MA 41

## Technical Data

### Air Conduction:

Level Range: -10 to 120 dBHL, dependent upon transducer and selected frequency

Headphone: DD45

Optional: HDA 200  
EAR-3A

Test Frequencies: 125Hz to 8000Hz

Optional: High Frequency 8,000-16,000Hz

### Bone Conduction:

Level Range: -10 to 80dBHL,  
dependent upon selected frequency

BC transducer: B 71 with headband

Test Frequencies: 250 to 6000Hz

### Free Field:

Sound field speaker from Amp pure tones: -10 dBHL ... 100 dBHL

Sound field speaker from Amp speech: -10 dBHL ... 90 dBHL

Sound field speaker from MA 41 pure tones: -10 dBHL ... 90 dBHL

Sound field speaker from MA 41 speech: -10 dBHL ... 70 dBHL

### Speech:

Wave files, CD or live voice microphone

**Test Signal:** Pure, Pulsed, Warble

**Masking Signals:** Narrow-band noise and speech noise

**Tests:** Hearing Loss, UCL, Aided, Speech Reception Threshold,  
Word Recognition Score, Master Hearing Aid

**Level steps:** 5dB, 2dB, 1dB

**Standards:** 60601-1, IEC 60645-1 class 2, IEC 60645-2,  
Type B according to medical directive 93/42/EEC

**PC-Interface:** USB, NOAH Mod., MAICO database

**Display:** High resolution color display, 640x480 pixels, 5.7" / 14.5cm

**Power supply:** 100-240V ~, 50/60 Hz  $\pm 10\%$

**Size:** 13.4"L x 7.9"W x 3.2"H / 34.5cm x 20cm x 8cm

**Weight:** 2.7 lbs

## Accessories

Standard:	Part Number:	Optional:	Part Number:
DD45 Headphone Assembly	4716	Gooseneck Microphone	550011XX
B71 Bone Conductor	1034-105	EAR 3A Insert Phones	4790
B71 Headset Cable	2068	1/8" Stereo Audio Cable	1025-2105
B71 Headband	1037-37	Monitor Phone	1034-2003
Patient Response Switch	2169	Soundroom Kit	6662
Power Cable	1025-2067	Talk Back Microphone	6619
USB Cable, M-M A-B, 1M	1700-0233	Patch Cords (additional)	1025-352
Microphone Monitor Headset	80042301	Free Field Speaker System w/ SP90	6707
2GB SD Memory Card w/wave files	1156-2081	Amplified Free Field Speaker System w/AP70 & SP90	6712
NOAH™ Audiometry Module	706643	MA 41/42 High Frequency Kit	6709
MA 41 Flash Drive	1156-2082		
Carrying Case	705274		



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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.