

# MA 790 & MA 800

## Industrial Audiometers



These automatic audiometers are easy to operate with bright LCD screens that display user prompts, instructions and test results. Four stored tests are included or customize your own. Ideal when you need to perform hundreds of tests.

- Automatic microprocessor audiometers
- Programmable testing for the best use of your time
- Test repeatability
- Transfer data through built-in RS 232 interface or download to a PC
- MA 800 offers storage of up to 500 baselines and 500 audiograms, plus performs a variety of hearing loss calculations

**TRUSTED TECHNOLOGY**

SINCE 1937

MAICO DIAGNOSTICS

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



# MA 790 & MA 800

## User programmable audiometry for the hearing conservation professional



MA 790 and MA 800 accessories

### Accurate and reliable audiometry

The MA 790 and MA 800 automatic microprocessor audiometers adapt to the needs of the most demanding testing programs, yet they are easier than ever to use. The easy-to-read LCD screen displays user prompts, instructions and test results. The customized thermal printouts print the information you want to see.

### Minimize test time

Use the MA 790/800's flexible programming options to minimize unproductive time. Establish test repeatability and detect multiple responses, no response or subject error. Use any of the four stored tests — STANDARD, NO 8K, 10dB LOW, FAST — or utilize the two user defined tests to create your own test procedure. For additional flexibility transfer your data by RS 232 interface or by modem to an external computer.

### Added MA 800 features

Do you need an audiometer with memory? The MA 800 stores up to 500 audiograms and 500 baselines in non-volatile memory, along with subject information. It also performs a variety of hearing loss calculations, including STS with or without age correction, saving you hours of time.

**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 delivery of the instrument to the original purchaser. Accessories which are purchased from Maico at the same time as the instrument are warranted for one year from the date of purchase. For additional information contact your Maico Distributor.

### Technical Data

- Test Frequencies . . . . .500 Hz to 8 KHz +/- 2%
- Attenuator Range . . . . .0-95 dB HL +/- 3 dB, 5 dB steps
- Stimulus . . . . . Pulsed 200 msec on, 200 msec off; continuous
- Rise/Fall Time . . . . .35 msec typical
- Distortion . . . . .5% typical, 3% maximum
- Right/Left Crosstalk . . . . .-100 dB minimum
- Stimulus On/Off Ratio . . .100 dB or -10 HL, whichever is lower
- Voltage . . . . . 117 or 234 VAC +/- 10%, 50-60 Hz, switchable
- Operating Temperature . .60-100 degrees F (15-38 degrees C)
- Dimensions . . . . .15" W x 4" H x 13" D  
(37.5 cm W x 10 cm H x 32.5 cm D)
- Weight . . . . .10lb/4.5 kg
- Chart Dimensions . . . . .2.5 inch wide by 5.7 inch or longer, thermal sensitive paper, 3 inch maximum diameter
- Display . . . . .LCD type

#### Standard Accessories

Part Number	Part
5496 . . . . .	Thermal paper
4687 . . . . .	TDH 39 headset
2169 . . . . .	Response switch
1025-352 . . . . .	Patch cord
1162-9402 . . . . .	Operators Manual MA 790
1162-9403 . . . . .	Operators Manual MA 800

#### Optional Accessories

- 1035-3002 . . . . . Carrying case
- Oscar™ . . . . . Bioacoustic simulator

*Specifications subject to change without notice*

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