

# TREMETRICS RA660

**Industrial Audiometer and Bio-Acoustic Simulator in one device for testing up to 8 people**

## **Total Hearing Conservation in One Box**

- Fully integrated Bio-Acoustic Simulator
- Quickly test up to eight people simultaneously using the easy and intuitive Tremetrics HearCon Software Package
- Optional wall mount, which conveniently houses the audiometer, patient response switch, and headset
- Simplified installation, with only one cable into the sound booth
- Lightweight and portable, weighing only 1 pound
- Optional real time OSHA and ANSI

## **Quality designed PC based audiometer with combination Bio-Acoustic Simulator**

With the ability to test as many as eight people simultaneously, the RA660 will save your hearing conservation program time and money. This innovative audiometer also features a built-in Bio-Acoustic Simulator. With Tremetrics HearCon Software your hearing conservation program will be up and running quickly and easily.

The Tremetrics RA660 also features an optional integrated real time octave band monitor to constantly analyze the ambient conditions in your environment. This ensures full compliance by both OSHA and ANSI standards. The optional wall mount and single ethernet wire system facilitates a clean and simple installation.



## Technical Data

### SYSTEM FEATURES

- Includes HearCon Software Program, which requires minimal operator training
- The PC monitors progression of test and automatically instructs subject as required
- Flexible group testing – audiometer modules can be added as needed
- Fully automatic, semi-automatic, or manual testing operation
- Independent error checking with automatic test restart
- Selectable retest criteria
- Intercom – talk-over communication with any or all test subjects
- Distinctive graphic symbols and color coding for quick and accurate set up
- Automatic pre-test instructions
- Integrated Bio-Acoustic Simulator
- Optional room monitor with zoning

### PRINTER REQUIREMENTS

Windows compatible, laser or ink jet recommended

### COMPUTER REQUIREMENTS

Windows 7 or 10 PC required to run RA660 Software.

### INTERFACE MODULE

- RA660 Interface Module provides power and communication for up to a maximum of eight (8) RA660 audiometer modules
- USB Interface to PC
- Power: Auto-selectable 90-240 VAC  $\pm$  10%, 50-60 Hz
- Dimensions: 8.5 in W x 4.5 in D x 1.5 cm H
- Weight: 1 lb

### AUDIOMETER MODULE

- Equals or exceeds ANSI S3.6-1969-2010
- Test frequencies: 250, 500, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz (selectable)
- Frequency accuracy: Better than 1%, crystal controlled
- Distortion: Total harmonic distortion below -40 dB (1%)
- HL attenuator: -10 to 100 dB in 5 dB steps
- HL accuracy:  $\pm$ 1 dB
- Rise/Fall time: Meets ANSI specifications
- Earphones: Telephonics TDH-39, 10 ohm earphones in Model 41 cushions
- Optional wall mount bracket
- Dimensions: 7 in W x 7 in D x 4 in H
- Weight: 1 lb
- Power supplied by Interface Module
- Optional Room Monitor



Specifications are subject to change without notice.

### MAICO Diagnostics

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**ONE YEAR LIMITED WARRANTY:** This warranty is extended to the original purchaser of the instrument, by MAICO\_Tremetrics, 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\_Tremetrics 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\_Tremetrics Distributor.