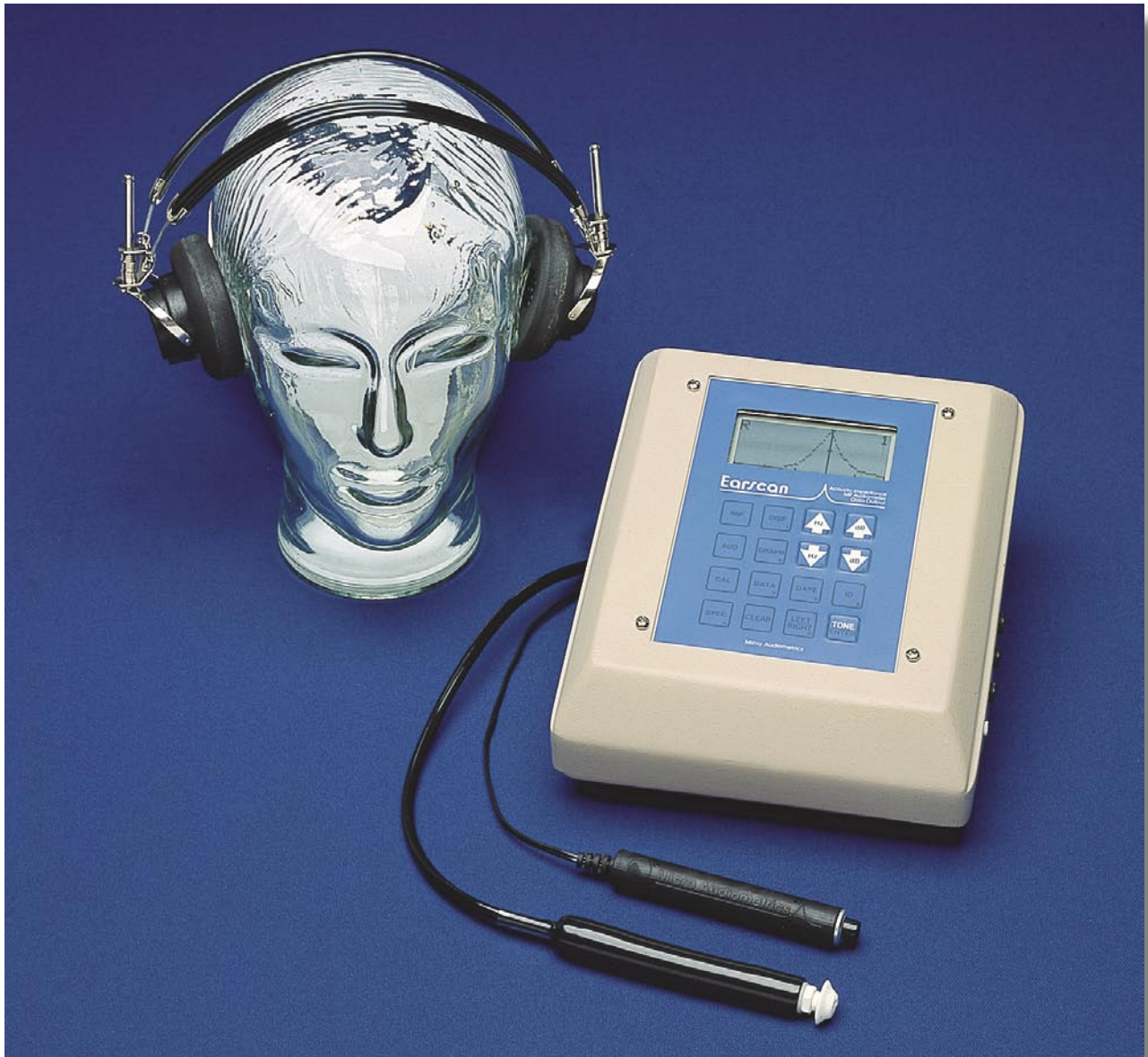


# Earscan<sup>®</sup>

## Acoustic Impedance Pure Tone Audiometer

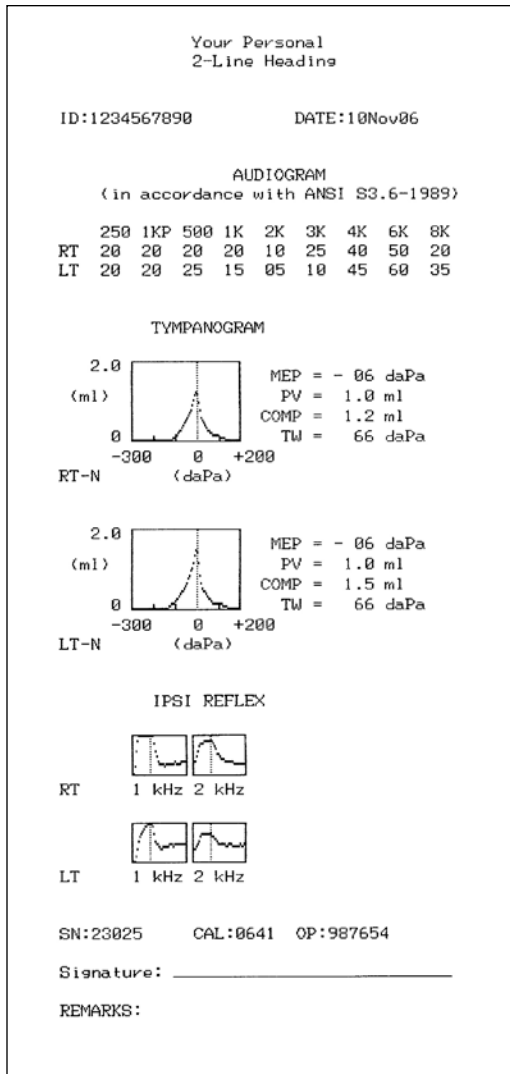


- Middle ear analyzer (1 and 3 second test speeds)
- Available with automatic and manual pure tone audiometry
- Optional ipsilateral acoustic reflex
- 3 Year Limited Warranty



**Micro Audiometrics**  
C O R P O R A T I O N

[www.earscan.com](http://www.earscan.com)



*Report from optional printer  
(Not shown actual size)*

## Just what you need...

The Earscan® can be purchased with tympanometry only or with optional ipsilateral acoustic reflex, manual audiometry and automatic audiometry. Options not originally purchased can be added later as your requirements change.

## Easy to use...

The Earscan® is easy to operate and provides quick, accurate and repeatable results. After an exam is complete, the results are displayed on the large, easy to read LCD screen for review and can be printed to the optional printer.

The impedance function can be used in either the standard 3 second sweep rate, or can be changed to the fast 1 second rate, ideal for testing infants or difficult patients. The unique Ear-cuffs™ make achieving a seal quick and easy.

The audiometer can be factory programmed to include only the frequencies you wish to test. If the omitted frequencies are needed, the user can temporarily re-enable these frequencies for testing. With the automatic audiometry option, a patient response button is included, freeing the operator to perform other duties while the Earscan® conducts the exam. By utilizing the optional patch cords, the audiometry test may be performed in an audiometric sound room.

## Quality you expect...

Earscan® is a durable, lightweight instrument, backed by an industry leading three year limited warranty with servicing distributors throughout the country.

### GENERAL SPECIFICATIONS

Dimensions:	7.5"W x 3"H x 9"D 19cm x 7.6 cm x 23 cm
Weight:	3 to 6 lbs. (1.4 - 2.7 kg)
Power:	110, 220, or 240 volts AC
Display:	LCD; 84 x 32 points, 14 characters x 4 lines
Communications:	Standard RS-232 serial port
Standards:	ANSI S3.6-1989
Warranty:	3 year, limited

### AUDIOMETRY SPECIFICATIONS

Frequencies:	250, 1k, 500, 1k, 2k, 3k, 4k, 6k, 8k Hz
Intensity Range:	250, 8k Hz: 0 to 70 dB HL 500 to 6k Hz: 0 to 90 dB HL
Step Size:	+5/-5 dB (+5/-10 if automatic option installed)
Presentation Mode:	Pulsed or Continuous

### ACOUSTIC IMPEDANCE SPECIFICATIONS

Probe Tone:	226 Hz @ 85 dB SPL
Pressure Range:	+200 to -312 daPa
Sweep Rate:	Normal: 150 daPa/sec, Fast: 450 daPa/sec
Equivalent Volume:	2 to 7 ml.
Ipsi. Reflex Option:	1000 Hz and 2000 Hz @ 105 dB SPL

### ACCESSORIES

#### Standard:

Impedance Probe  
Assorted Ear-cuffs™  
TDH-39 Headset \*  
Patient Response Button \*\*  
Operator's Manual  
Power cord

#### Optional:

Carrying Case  
Printer  
Sound Room Patch Cords  
Noise Excluding Headset Enclosure  
Headphone Cushion Covers

\* Included with audiometry option

\*\* Included with automatic audiometry option

*Specifications, options and accessories subject to change without notice.*



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Revised: Nov. 2006

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