



Middle-Ear Analyzer

Great attention has been given to every detail, both in terms of technical construction, operator convenience and patient comfort. The result is the MADSEN Zodiac 901 which enables you to seal the probe quickly, run fast tympanometry and reflex measurements, print out the results (or transfer them to your PC), and rely on their accuracy!

Zodiac 901 offers the best of both worlds - screening and clinical

The Zodiac 901 provides hearing specialists with an instrument capable of satisfying most screening and clinical applications in immittance audiometry. For added efficiency, up to four pre-programmed test sequences can be preloaded, and activated with the press of a button.

NOAH™ compatible

Zodiac 901 communicates with PC's and desktop printers. After installing the optional Zodi-Link™ PC module in NOAH, you can feed test information directly into NOAH's database, and display immittance measurements on-screen. You can even connect a desktop printer - any of today's most popular - directly to the Zodiac 901's Centronics parallel connector, for instant printouts with or without a PC. Zodiac 901's PC compatibility safeguards it from becoming obsolete as technology changes.

Fully automatic screening

Reflex decay & acoustic reflex tests

Zodi-Link™ PC software for NOAH™

Printout on internal or external printer

Large, easy-to-read LCD

Pure tone audiometry

Easy-to-use handheld probe

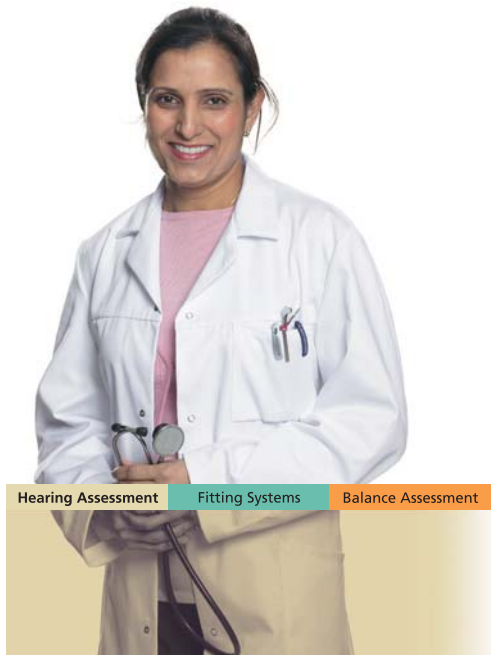
MADSEN Zodiac 901’s unique handheld probe makes it easy to obtain a seal, and can be mounted on headset or shoulder harness for clinical measurements.

Screening tests:

- Automatic tympanometry
- Automatic acoustic reflex screening (Ipsi/Contra)
- Pure tone hearing thresholds (air conduction)

Clinical tests:

- Automatic acoustic reflex thresholds (Ipsi/Contra)
- Reflex decay (Ipsi/Contra)
- Manual tympanometry
- Manual acoustic reflex thresholds (Ipsi/Contra)
- Eustachian Tube Function (ETF)
- Acoustic reflex latency
- Gelle’s test



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Technical specifications:

Compliance measurement system

Probe Tone:	226 Hz at 85 dB SPL
Total Range:	0.1 ml to 8.0 ml
Reflex Range:	-375 µl to +375 µl

Air Pressure System

Normal Range:	+200 to -400 daPa, selectable
Extended Range:	+400 to -600 daPa
Air Pump Speed:	50 to 400 daPa/sec, and A.F.A.P.
Air Release:	Mechanical, Manual and Automatic Acoustic Reflex

Contralateral

Stimulation:	Pure Tones: 0.5, 1, 2, 4 kHz, White Noise
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Ipsilateral

Stimulation:	Pure Tones: 0.5, 1, 2, 4 kHz
Audiometric Mode:	Pure Tones: 0.25, 0.5, 1, 2, 3, 4, 6, 8 kHz

Data

Communication:	RS232C Serial Data Interface
External Printer:	Centronics interface; HP Deskjet generic driver
Display:	Graphic Supertwist LCD with backlighting; 128 x 256
Power Supply:	AC 50-60 Hz, 100 -120 V or 200 - 240 V
Patient Safety:	EN 60601-1, Class I, Type B
Dimensions:	370 x 385 x 120 mm, 14.8 x 15.4 x 4.8 in (W x D x H)
Net Weight:	7.6 kg, 16.8 lbs

GN Otometrics

Copenhagen-based GN Otometrics is the world’s leading manufacturer of hearing and balance instrumentation and software, including solutions for infant screening applications, audiologic diagnostics, and office management software, to balance testing and hearing instrument fitting.

