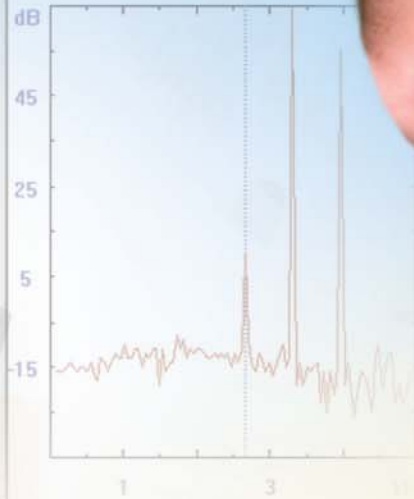
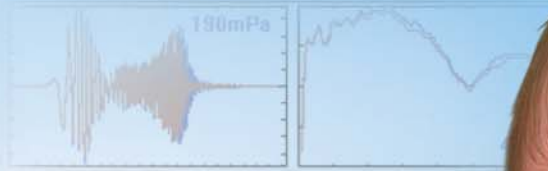


Bio-logic[®]
SYSTEMS CORP



Sound Choices

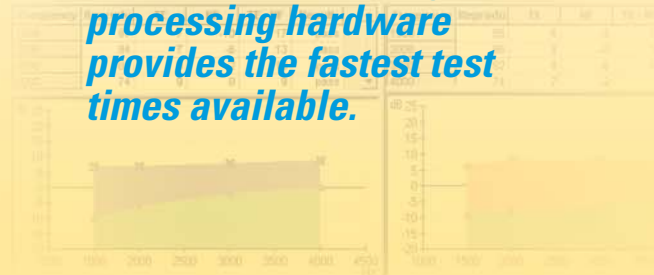
from the Market Leader in OAE



AUDX[®]

Scout[®]
SPORT

New AuDX/Scout digital processing hardware provides the fastest test times available.



AuDX® I, II and Plus

AuDX I — The World's Leading Portable OAE Screening Device

AuDX® is the proven leader with over 5,000 instruments installed worldwide. It is the industry standard for OAE screening, utilized by hospital newborn hearing screening programs, pediatricians and school districts.

- **Portable, fast and accurate**
- **No interpretation required – Pass/Refer result provided**
- **Choice of DPOAE or TPOAE protocol – upgradeable to 4 per modality (8 total)**
 - **10 test memory (upgradeable to 200**)**
 - **Self-adhesive label print-out**
- **Power for data collection provided by a rechargeable battery or by plugging into an electrical outlet (the only unit that can)**

AuDX II — A Favorite for Larger Programs A Hand-held Screener and Diagnostic Device

AuDX II expands AuDX I's features and options with:

- **50 test memory (upgradeable to 200**)**
- **4/8** protocols – DP and/or TE**
- **AuDX Protocol Setup software for customizing test protocols**

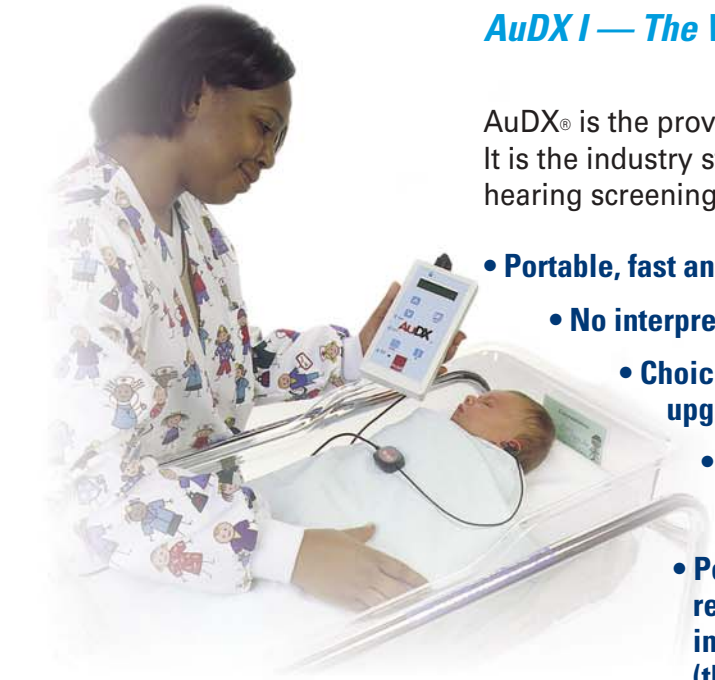
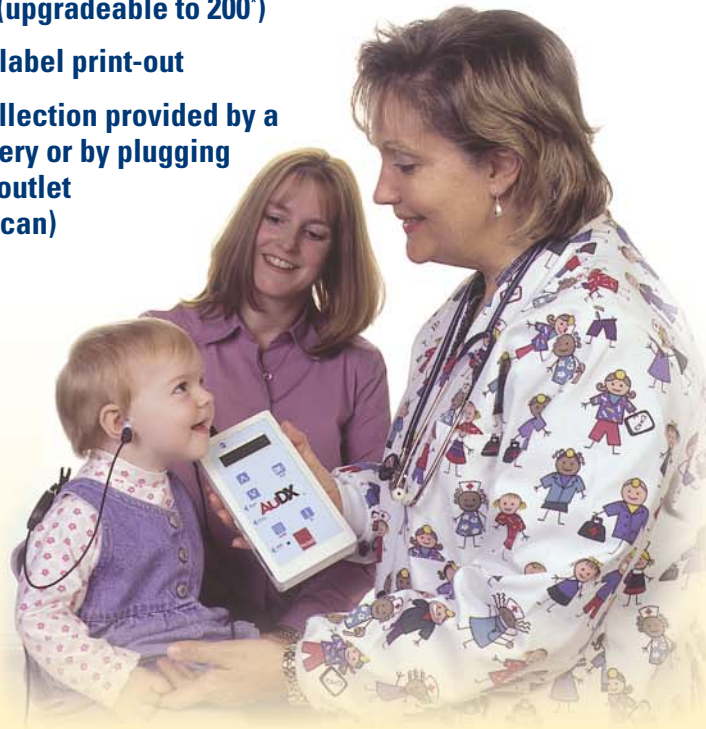
**With dual DP/TE option
Label printer optional

AuDX Plus — Portable Screening and Computer Diagnostic Capability for Ultimate Flexibility

AuDX Plus combines the easy functionality of the portable AuDX II with the power of the Scout Sport computer-based system.

AuDX Plus has all of the capabilities of the Scout Sport, plus:

- **Detach it from the computer and it becomes the portable unit**
- **AuDX-Scout Link capability to download AuDX data to the Scout program on the computer for viewing OAEgrams and printing reports**
- **Satisfies both needs with one system**



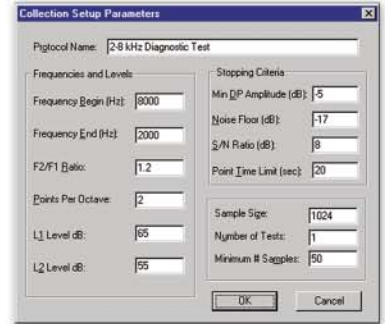
Scout[®] SPORT

Audiologists' Favorite PC-based Diagnostic and Screening OAE System

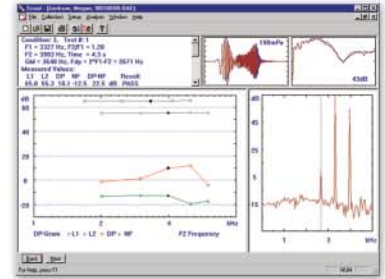
Scout Sport's Windows-based software features easy-to-use menus for program control. Within these menus, a library of OAE test protocols can be defined. DPOAE maximum frequency of 10,000Hz is ideal for monitoring patients treated with ototoxic medications.

Scout Sport includes a full range of otoacoustic emission test capabilities including your choice of:

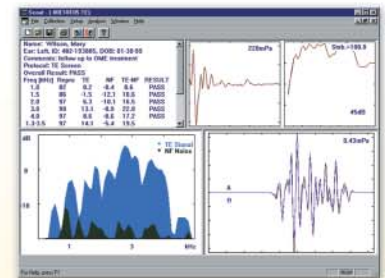
- DPOAE and/or TEOAE
- SOAE (Spontaneous)



Customize protocols to your program needs

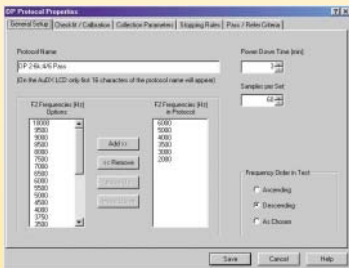


Reference data information assists interpretation



TEOAE capability is an option on Scout Sport

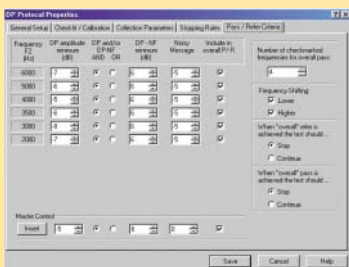
AuDX Options and Accessories



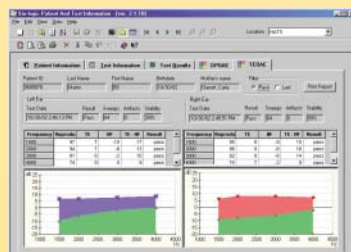
Choose up to 10 F2 frequencies for a DP protocol



Specify your desired stimulus intensities



Define the criteria for a passing result



View and print AuDX data from HATS.

AuDX Protocol Setup

Software that allows you to define your own DP or TE custom protocols and download up to three of them (per modality) to the unit.

AuDX-Scout Link

You'd like a simple way to store, review and print AuDX tests using your PC. AuDX Link lets you download AuDX tests into Scout OAE reader software on your PC. Then you can review test data and print them in OAE-gram format.

HATS™

HATS is a powerful patient database. It allows the transfer of tests from AuDX to a computer for viewing the OAE report and printing results. You can also analyze statistics, generate pass/defer rate reports or evaluate quality control issues, and export data into files compatible with other third party databases.

Bio-logic Continues to Provide You with the Best OAE Product



Feature	AuDX I	AuDX II	Scout SPORT*	AuDX Plus <i>operating as Scout Sport* Portable</i>	
DPOAE <i>and/or</i>	yes	yes	yes	yes	yes
TEOAE	yes	yes	yes	yes	yes
Number of Tests Stored in Memory					
<i>Standard (per modality)</i>	10	50	unlimited	unlimited	50
<i>Upgrade (per modality)</i>	100	100	—	—	100
Protocol Setup Software	option	yes	yes	yes	yes
Number of Test Protocols					
<i>Standard (per modality)</i>	1 (fixed)	4	unlimited	unlimited	4
<i>Upgrade (per modality)</i>	4	N/A	—	—	N/A
HATS	option	option	N/A	N/A	option
Serial Label Printer	yes	option	N/A	N/A	option
Infrared Label Printer	option	option	N/A	N/A	option
AuDX-Scout Link	option	option	N/A	N/A	yes

Modality = TEOAE or DPOAE

* SOAE included

All AuDX Systems Include:

- AuDX Module
- Lightweight Probe
- Charger Unit & Cable
- Service/User Manual
- Carrying Case
- Eartip Sampler Pack

The following options are available for the AuDX:

- Label Printer Package
- 50 Test Memory
- 100 Test Memory
- Programming Software
- AuDX-Scout Link
(Allows download of data to Scout program)
- Second Modality
- HATS Database *(Export to HiTrack)*
- Laptop PC
- Cart
- AuDX-ASCII Link
(Converts AuDX data to ASCII)
- AuDX-DBLink *(Exports to OZ database)*

NEW!

- Faster DSP = Faster Screening
- New Ear Probe Design = Easier Cleaning and Enhanced Durability
- Integrated Lithium Battery = Longer Battery Life with No Memory Effects
- Infrared wireless printer technology (option)

NEW
OAE Probe – easier to clean and more durable!



Infrared



The Sweet Sound of Savings

Bio-logic brings you the industry's highest quality and value in supplies that assure optimum performance.

TreeTip®*

Preemie TreeTip®

Pediatric Tip

Pediatric Foam Tip

Adult Foam Tip

Jumbo Foam Tip



Probe Tips

- Patented Infant TreeTip® with graduated tip for fit and reliability for virtually all newborns
- Smallest – Preemie Tip 3mm
- Largest – Jumbo Foam Tip 18mm
- Foam tip offers a better fit for varying shapes and sizes of ear canals

Printer Labels

- 300/roll



Label Printer

* U.S. Patent No. 6,258,043

Specifications

Distortion Product Otoacoustic Emissions

Programmable Stimulus Parameters*:

F2 frequencies – Range 500 to 10,000 Hz
F2/F1 ratio
Stimulus intensity (L1 and L2)

Programmable Pass/Refer criteria*:

DP amplitude per frequency condition
DP-NF per frequency condition
Number of pass frequency conditions for Overall Test Pass Result

Programmable Measurement-Based Stopping Rules*:

Minimum DP amplitude
Minimum DP-NF
Minimum Noise floor (NF)
Maximum averaging time per frequency condition
Choose Normative Data Set (Scout Sport)

Plus Much More!

Disposable probe tips, in a variety of sizes, keep the probe clean and provide optimal infection control.

Rechargeable battery operation allows testing without AC power – no outlets or power cords required.

The AuDX offers these additional options:

Additional memory to store 100 tests per modality

Download patient ID numbers from a computer to AuDX. Upload patient data from AuDX to a database on the computer. Select from four different DP test protocols.

Serial label printer*

Your Bio-logic Representative:

Tansient Evoked Otoacoustic Emissions

Programmable Stimulus Parameters*:

Maximum click intensity 80/89 dB SPL

Programmable Pass/Refer criteria*:

TE amplitude per frequency range
TE-NF per frequency range
Reproducibility per frequency range
Number of pass frequency ranges for Overall Test Pass Result

Programmable Measurement-Based Stopping Rules*:

Minimum TE amplitude
Minimum TE-NF
Minimum Noise floor (NF)
Maximum number of averages collected

*AuDX I comes standard with one fixed screening protocol and a serial label printer; upgrades available

DPOAE and TEOAE

System Components

AuDX or Scout Sport module
Ear probe
Charger unit
Serial cable
AuDX programming software (AuDX II and AuDX Plus)
Scout OAE software (Scout Sport and AuDX Plus)
Carry case
User manual
Disposable probe tips (sold separately)

Spontaneous OAE Measurements

Scout Sport System Only

System Operation

Mic frequency response:
100 Hz – 8 kHz +/-2 dB;
8 kHz – 10 kHz - +/-3 dB

Mic dynamic range:
90 dB SPL undistorted output
<-30 dB SPL at 0.25 to 10 kHz
with 32 second averaging

Test Time:
varies with parameter setup
and environmental noise
conditions

System S/N ratio:
~85 dB

AuDX Dimensions:
19.4cm x 10cm x 4.3cm;
7.7 x 4 x 1.8 inches (L x W x D)

AuDX Weight:
1.2 lbs (550g)

Electrical Safety:
Designed to meet the standards:
IEC 601-1 Class II, UL 2601-1,
CSA-C22.2 No. 601.1, AAMI-ES1

MDD compliant

Corporate Headquarters
One Bio-logic Plaza
Mundelein, Illinois 60060
(800) 272-8075 - Hearing Division
(847) 949-5200
(800) 456-5205 - Supplies
(800) 323-8326 USA/Canada
Fax: (847) 949-8615
Fax: (847) 949-0219 - Supplies
www.bio-logic.com



1-800-272-8075

Authorized Regulatory Representative
MDCI
Arundel House
1 Liverpool Gardens
Worthington
West Sussex BN11 1SL, U.K.

CE 0197



Special Olympics

Bio-logic Systems Corp is an Official Healthy Hearing Sponsor of Special Olympics.

