



OtoRead™ Portable OAE

**Reliable, flexible &
precise**



Reliable, flexible & precise

The OtoRead™ is a fast, automatic handheld OAE instrument for testing newborn babies, children and adults.

Have it your way

Several default test protocols are available using either TEOAE or DPOAE. Actual test results along with a Pass or Refer indication are available on the display as well as in print from a thermal printer.

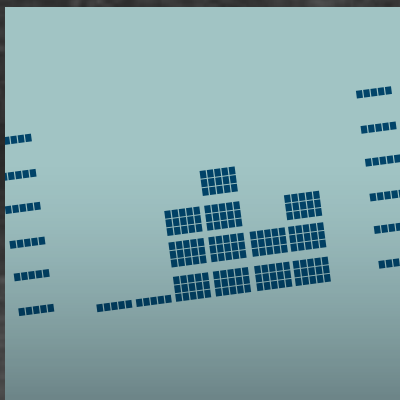
The user has a choice of three different lengths of cable from the unit to the probe, providing great flexibility to accommodate a variety of testing situations.

Newborn hearing programs

The OtoRead™ is ideal for newborn hearing programs. Because the OtoRead™ is so flexible, the newborn program manager can establish a defined protocol that can be followed by any trained individual. All that is required is a proper seal at the ear canal and pressing a single button to initiate the test. The printed results reveal a Pass or Refer and the actual data can be reviewed by the program administrator.

Full diagnostic instrument

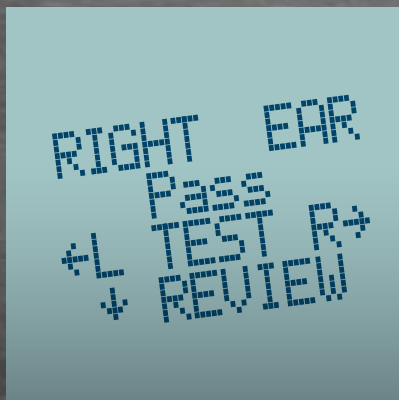
The OtoRead™ is also suitable for an ENT or audiology clinical setting. Expanded protocols allow up to 6 frequency evaluations extending up to 12kHz with the Distortion Product model. The DPOAE/TEOAE test protocols can be set up with standard or custom pass/refer criteria. With this flexibility, the OtoRead™ can be used as a full diagnostic instrument to evaluate ototoxicity, difficult to test patients, occupational hearing loss onset and functional hearing loss cases.



Testing ongoing



Noisy test environment



Pass recommendation



Refer recommendation

A preview of the benefits

- Portable handheld unit
- DPOAE & TEOAE
- User programmable protocols
- Extended probe available

The instrument

The OtoRead™ has a sleek, ergonomic design which makes it easy to hold and administer a test. The OtoRead™ utilizes a superior noise rejection algorithm and a quick, accurate ear canal calibration to maximize the quality of the test results. A simple four arrow keypad in conjunction with a display screen makes it easy to move through the tests, review data, setup various test protocols and change basic settings. It even has memory for storing tests for up to 250 ears which can be recalled for review.

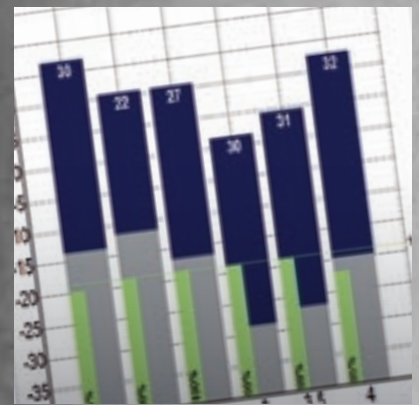
The handy OtoRead™ cradle is used to store the instrument and to transfer data to a PC or printer. The OtoRead™ is powered by standard alkaline batteries so you can have unrestricted movement at the patient's ear, or simply go from room to room as you see different patients. The use of rechargeable batteries is also an option.



Data management & printing

OtoRead™ Patient Transfer Software and OtoRead™ Module (optional)

Up to 100 patient names (as well as up to 5 recordings each) can be transferred from the OtoAccess™ database to the handheld OtoRead™. After testing all patient recordings can be uploaded to OtoAccess™ for viewing and printing via the OtoRead™ module. The TEOAE and DPOAE recordings can be displayed in either bar view or as a line chart.



Barview in OtoRead™ module



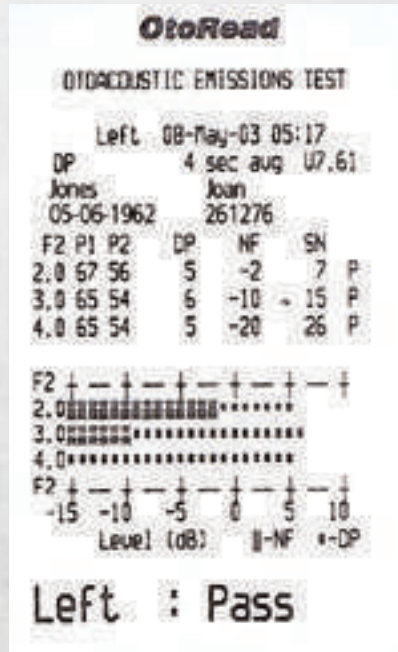
OtoRead™ Module



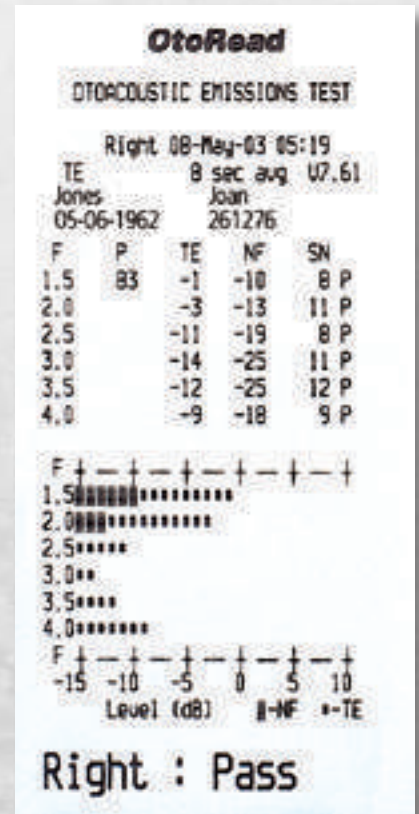
Line chart in OtoRead™ module

The thermal printer

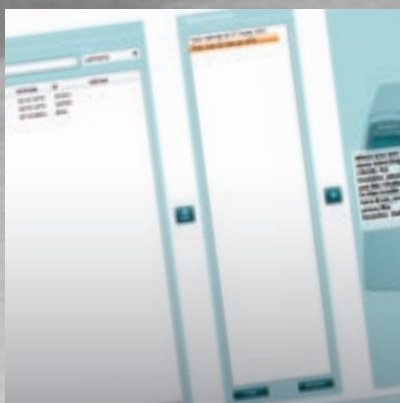
A fast and quiet thermal printer is included with the OtoRead™. A simple interface from the cradle to the printer will transfer all of the test data within seconds. The test data is easy to read and will give a Pass or Refer indication for each ear.



Printout DPOAE via thermal printer



Printout TEOAE via thermal printer



OtoRead™ Patient Transfer software





OtoRead Licenses

An option for every need

The choice is all yours.
An OtoRead™ for every
situation is available.

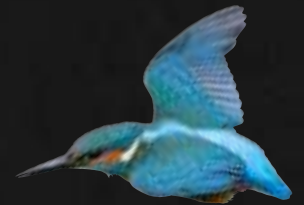
Choose the license that suits your needs

The OtoRead™ is available in 6 versions
allowing you to choose the one to suit
your screening or clinical needs.

Save your test results for future review

All OtoRead™ versions
are compatible for
use with the optional
OtoRead™ patient
transfer software and
OtoRead™ module.





OtoRead™ Licenses	DP test option	TE test options
Screener+ (Fixed protocols)	DP 2 to 5 kHz 4 Frequencies tested (3 for pass) Average test time 15 sec. SNR 6dB DP Custom 2 to 5 kHz 4 Frequencies tested (3 for pass) Average test time 10 sec. SNR 6dB	TE 1.5 to 4 kHz 6 Frequencies tested (3 for pass) Average test time 12 sec. SNR 4dB
Screener DP (Fixed protocols)	DP 2 to 5 kHz 4 Frequencies tested (3 for pass) Average test time 15 sec. SNR 6dB DP Custom 2 to 5 kHz 4 Frequencies tested (3 for pass) Average test time 10 sec. SNR 6dB	n/a
Screener TE (Fixed protocols)	n/a	TE 1.5 to 4 kHz 6 Frequencies tested (3 for pass) Average test time 12 sec. SNR 4dB
Standard DP (Fixed and customizable protocols)	User selectable frequencies between 1.5 -12kHz User selectable stimulus levels, SNR, test time, number of frequencies for a pass	n/a
Standard TE (Fixed and customizable protocols)	n/a	User selectable frequencies between 0.7 -4kHz User selectable stimulus levels, SNR, test time, number of frequencies for a pass
Clinical DP & TE (Fixed and customizable protocols)	User selectable frequencies between 1.5 -12kHz User selectable stimulus levels, SNR, test time, number of frequencies for a pass	User selectable frequencies between 0.7 -4kHz User selectable stimulus levels, SNR, test time, number of frequencies for a pass





Interacoustics a/s

Interacoustics is a world leading diagnostic solutions provider in the field of hearing and balance assessment. We help the professional audiology world reach new milestones through continuous developments and a constant focus on integration and direct customer value.

With you at all times

Whenever you purchase audiological equipment with the Interacoustics brand on it, you are not just guaranteed a quality product but also highly trained support personnel with specialized knowledge. We operate in over 100 countries worldwide through a carefully selected network of distributors and service centres to ensure that you receive total support and service.

Product specifications

All technical and hardware specifications concerning the OtoRead™ can be downloaded from our website.


Read more at
interacoustics.com

Interacoustics a/s

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