

# Otocheck ABR

Screening with Confidence





# Otocheck **ABR**

## Screening with Confidence

The Otodynamics Otocheck ABR is a superior handheld screening instrument offering fast in-depth ABR screening. The instrument comprizes an Otocheck in an ABR sleeve, giving flexibility for OAE+ABR combination. The Otocheck ABR can be supplied either with signal or binaural channels. The ABR sleeve can be purchased separately and fitted retrospectively to upgrade existing colour Otochecks or Otoports.



**CUSTOMIZABLE**  
2 Protocols



**STIMULUS LEVELS**  
Custom 5 to 60 dBnHL



**STIMULUS TYPE**  
Short Chirp or Click  
via OAE probe at ~55/s





## OVERVIEW

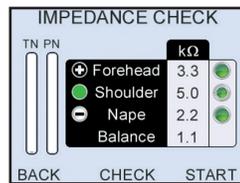
- Light weight and portable with easy-to-use keypad
- ABR confirmation with configurable template
- ABR waveform and test history for audit
- Weighted averaging for noise management
- Intelligent powerline interference rejection
- Long battery life - up to 250 test cycles or one full working week
- Programmable Work list facility
- Each test is saved with the actual physiological response
- Comprehensive probe fit and noise level indicators
- On board Probe test facility and Probe ID tracking
- Transfer data wirelessly to the Otolink suite
- Print wirelessly to the Otodynamics Mini printer
- Choice of language - English, Spanish, Turkish, Portuguese, Italian, German, Polish, Hungarian, French

### ABR

<b>Test Configurability</b>	2 Protocol, 9 Parameters
<b>Stimulus Levels</b>	5 to 60 ( $\Delta 1\text{db}$ ) (dBnHL)
<b>Stimulus Type</b>	Chirp and Click



## FAST ACCURATE RESULTS



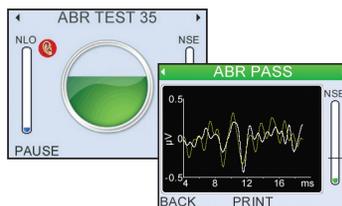
### SUPERIOR IMPEDANCE ANALYSIS

Providing valuable pre-test environment monitoring with separated power line noise (PN) and total infant noise (TN) indicators. Individual electrodes are highlighted if their impedance is too high.



### IN THE EAR CALIBRATION

Every test starts with automated 'in-the-ear' calibration ensuring accurate results. The Otocheck ABR automatically detects if ear cups or probe inserts are being used.



### CLEAR TEST PROGRESSION

During the test Otocheck ABR keeps you informed of progress. It checks for changes in noise levels and electrode impedance which may prevent progress, giving helpful on screen alerts. It continually monitors Fsp and ABR waveform shape to ensure a 'Clear Response' is a true response.



### FASTER ABR RESULT

Our ABR algorithm reduces test time to an average of only 76 seconds for a clear response. It takes less than 3 minutes to confirm no clear response or to identify the precise technical reasons that have prevented a possible ABR from being seen. Resolve the issue and retest reducing unnecessary referrals. Sensitivity exceeds 99.9% per test.



## EASY DATA ENTRY & DATA RECALL

WORK LIST 3/3	
NAME	ID/NOTES
Roberts	OGPM1V02
Jones	OGPM1V03
Thomson	OGPM1V04

DELETE DETAILS TEST

Worklist and downloadable secure database.  
Login access if required

Brown 1/2	
	DPOAE
	DPOAE PASS
	ANY3BANDS, 65-55dB
OAE	13.7 dB
Time	5 sec
	2 3 4 6
	01 Feb 12 10:35 ADN

BACK PRINT

Searchable 500 tests storage listed in chronological order with on-screen test result summary table.

ENTER DETAILS			
ID/Notes	OGPM1V01		
Name	30	Dec	2011
D.O.B	31	Jan	2012
Gender	01	Feb	2013

CANCEL INSERT

Extensive patient database fields Enter Full Patient demographic data as needed



## DATA SECURITY

USERS 1/1	
USER	PASSWORD
Admin	A

BACK EDIT

Create multiple user logins with password protection with Admin control if required

USERS
1 Add New User
2 View Users
3 Settings

BACK SELECT

Extensive protocol control with login and administrator functions



# OTOLINK

## PC Data Management Suite



Manage your data easily and efficiently with the Otolink PC patient data management suite. Download test results wirelessly\* or via USB from the Otocheck / Otoport or when docked in the docking station\*\*. Test details can be quickly reviewed, printed and archived. Printing reports directly to PDF file is available. Data can be exported, for example, to Oz, Hi Track, GDT, Noah\* or as CSV file. Patient work lists can be uploaded to the Otocheck / Otoport, assisting with managing workloads in busy environments. Otolink also provides access to firmware and application updates from Otodynamics via the internet. Compatible with Windows 10, 8 and 7.

\* With Noah option



# WHAT'S INCLUDED

## with your Otoport

- Start pack (electrodes, ear cups)
- Electrode cables
- OAE probe with cable clip
- Sample ear tip pack
- Probe test cavity
- Sample infection control sleeve
- PC Otolink software
- USB download cable
- User manuals
- Crib hook/stand
- Carry Case
- Additional options available



**2** YEARS  
INSTRUMENT  
WARRANTY

For further information, please contact us:

[www.otodynamics.com](http://www.otodynamics.com)  
[info@otodynamics.com](mailto:info@otodynamics.com)





# ADDITIONAL Options for your **ABR**



## **OAE** + **ABR**

Select from the full range of OAE Otochecks & Otoports to create the perfect OAE+ABR combination.



**Otoport**  
ADVANCE



**Otoport**  
DP CLINICAL



**Otocheck** DP



**Otocheck** TE



**Otoport**  
TE SCREENER



### ADD MINI PRINTER

Compact fast print time. Numerical and band pass data. Automatic print-on-connect mode. Battery Powered.

Wireless printing via the Otoport



Noah 4

### ADD NOAH

Our NOAH option makes Otolink PC data management suite fully compatible with Noah 4 and Noah 4 based data systems.



### ADD BINAURAL TESTING

Seamless testing both ears  
Reduce disturbing patient



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