

NEW

QUICK LOOK

OAE / AABR

PRODUCT Guide



OtoNova

WIRELESS



Otoport

HANDHELD



Otocheck LE



Echoport

DESKTOP

NEW

WIRELESS



OtoNova

Real time wireless testing

OAE / AABR

Features

Common to all OtoNova models

- Light weight, easy-to-use wireless and touch screen device
 - Select DPOAE and/or TEOAE and/or AABR testing
 - Select Screening or Clinical functionality
 - Highly configurable testing
- Smart SNR and Smart Noise shortens test time
 - Intuitive App for PC/Android tablet
 - Full screen displays
 - Paediatric distraction images
 - Large searchable patient database
- 100s of tests and over a week of standby per charge



HIGHLY ADAPTABLE
Meeting your screening
& clinical needs



**FULLY
CUSTOMISABLE**
Unlimited protocols
available



VISUAL DISTRACTION DISPLAY
Friendly paediatric animations

OtoNova

2
YEARS

INSTRUMENT
WARRANTY

NEW



OtoNova

USE

DP OAE

TE OAE

AABR

APPLICATION PACKS

NEWBORN SCREENING
PAEDIATRIC ASSESSMENT
CLINICAL AUDIOLOGY
RESEARCH

SCREENER

CLINICAL

DPOAE only

DPOAE

TEST CONFIGURABILITY

9 Parameters, 1 Protocol

27 Parameters, Unlimited customisable Protocols

PRESET FREQUENCY (kHz)

Up to 8kHz, 7 frequencies

Up to 8kHz, 16 frequencies (Select nominal audiometric or extract values)

F2 FREQUENCY RANGE (kHz)

1 - 8kHz

0.75 - 8kHz

FREQUENCY RESOLUTION

Half octave

Up to 100 pts/octave with DP Zoom

FREQUENCY RATIO

1.22 (Fixed)

1.22 (Fixed)

STIMULUS LEVELS (dBSPL)

60/50 or 70/70 (6 Presets)

60/50 to 70/70 (6 Presets) Custom 40 to 75 (Δ 1dB)

DISPLAY

Graphic progress indicators / Numeric / Paediatric distraction / Line Graph / SNR Histogram

Graphic progress indicators / Numeric / Paediatric distraction / Line Graph / SNR Histogram

STOP CRITERIA

2, 3, 4 or 5 frequencies

Up to 16 freq. or 10-100% frequency with DPzoom

PASS SNR

6dB (Fixed), 2 noise criteria levels

6dB Configurable up to 14dB (Δ 1dB) for automation. OFF for clinical evaluation. 3 noise criteria levels

FEATURES

Rapid DPOAE screening mode
Paediatric distraction display
Easy-to-use pass/refer result
Automatic test progression and interpretation
Large searchable database

Extensive configurability incl. 12 frequency DPgram
Hi-res DP-Zoom to examine DPgram features
Programmable clinical assessment decisions. Custom Norms display
Includes all SCREENER functions. Easy switching between modes

TEOAE only
ADD TE to DPOAE

TEOAE

INCLUDED

TEST CONFIGURABILITY

8 Parameters, 1 Protocol

32 Parameters, Unlimited customisable Protocols

FREQUENCY RANGE (kHz)

1, 1.5, 2, 3, 4 kHz

1, 1.5, 2, 3, 4, 6 kHz

FREQUENCY RESOLUTION

Half octave bandwidth

Half octave bandwidth

STIMULUS LEVELS (dBSPL_{pe})Fixed 84 dBSPL_{pe}40 to 90 (Δ 1dB)

DISPLAY

Graphic progress indicators / Numeric / Paediatric distraction / Histogram / Waveform

Graphic progress indicators / Numeric / Paediatric distraction / Histogram / Waveform / Spectrum

PASS CRITERIA

2, 3, or 4 half octave bands, or narrow bands

1 to 6 half octave bands, settable group SNR

PASS SNR (dB)

6dB (Fixed)

Configurable up to 14dB (Δ 1dB) for automation. OFF for clinical evaluation

FEATURES

Gold standard TEOAE Quickscreen, ideal for infant screening
Easy-to-use fast pass/refer result
Automatic test progress and interpretation
Large searchable database

1-6kHz range, half octave resolution
Hi-res TEOAE spectrum
Programmable clinical assessment decisions. Custom Norms display
Includes all SCREENER functions. Easy switching between modes

AABR only or
ADD AABR TO LITE OAE

ADD AABR

TEST CONFIGURABILITY

1 Protocol, 8 Parameters

Unlimited Protocols, 14 Parameters

STIMULUS LEVELS (dBnHL)

30 to 45 (Δ 1dB) 40 with earcup20 to 45 (Δ 1dB)* 40 with earcup

STIMULUS TYPE

Chirp

Chirp and Click

FEATURES

Rapid AABR screening mode
Easy-to-use automatic pass/refer result
Chirp stimulation with weighted averaging
Superior pretest environment checks
Powerline and individual impedance analysis
Complete electrical isolation
Earcup or insert stimulator

Chirp or click stimulation with weighted averaging
**45 to 60 dBnHL~ with inserts for training insert only
Includes all AABR SCREENER functions

ADDITIONAL OPTIONS

Add Binaural Testing

OPTIONAL

OPTIONAL

Add Carry Case

OPTIONAL

OPTIONAL

* subject to qty

NEW

HANDHELD



Otoport

OAE / AABR

Features

Common to all OtoPort models

- Light weight, easy-to-use screening or clinical device
- Re-configurable for DPOAE and/or TEOAE and/or AABR
 - Large database with extensive patient data fields
 - Programmable work-list
- Large battery capacity - over 250 tests per battery charge
- Create multiple user profiles with Admin management and security
- On-screen notifications probe fit, noise levels and stimulus quality
 - Clear test progression graphics and notification
- Each test is saved with the actual physiological response data
 - Transfer data to the Otolink pc App wirelessly or via USB
 - Automated self-test system when powering on Otoport
 - Probe function test and ID tracking
 - Customisable QA calibration test area & history view
 - Optional Built in QR and barcode scanner
- Print wirelessly to the Otodynamics optional mini printer



HIGHLY ADAPTABLE
Meeting your screening
& clinical needs



FULLY CUSTOMISABLE
Up to 16 protocols
available



VISUAL DISTRACTION DISPLAY
Friendly paediatric animations

Otoport

2
YEARS

INSTRUMENT
WARRANTY



Otoport

NEW

USE

DP OAE

TE OAE

AABR

APPLICATION PACKS	LITE	FLEXI	ADVANCE
NEWBORN SCREENING			
PAEDIATRIC ASSESSMENT			
CLINICAL AUDIOLOGY			
RESEARCH			
	DPOAE only	DPOAE	DPOAE
TEST CONFIGURABILITY	11 Parameters, 1 Protocol	20 Parameters, 4 Protocols	24 Parameters, 8 Protocols
PRESET FREQUENCY (kHz)	2, 3, 4, 6 kHz, 4 frequencies	Up to 8 kHz, 13 frequencies	Up to 8kHz, 16 frequencies (audiometric or extract values)
F2 FREQUENCY RANGE (kHz)	2 - 6 kHz	1 - 8 kHz	0.75 to 8 kHz
FREQUENCY RESOLUTION	Half octave	Up to 4 pts/octave	Up to 100 pts/octave with DP Zoom
FREQUENCY RATIO	1.22 (Fixed)	1.22 (Fixed)	1.22 (Fixed)
STIMULUS LEVELS (L1/L2 dB SPL)	60/55 or 65/50 or 65/55	60/50 to 70/70 (6 Presets)	60/50 to 70/70 (6 Presets) Custom 40 to 75 (Δ 1dB)
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Line Graph	Graphic progress indicators / Numeric / Paediatric distraction / Line Graph / Histogram	Graphic progress indicators / Numeric / Paediatric distraction / Line Graph / Histogram
STOP CRITERIA	2, 3 or 4 frequencies	2 to 6 frequencies, 12 Frequency DP	1 to 6 DP or 12 freq DP or 10-100% freq. with DP zoom
PASS SNR	6dB (Fixed)	6dB Configurable up to 14dB (1dB) for automation. OFF for clinical evaluation. 3 noise criteria levels	6dB Configurable up to 14dB (1dB) for automation. OFF for clinical evaluation. 3 noise criteria levels
FEATURES	Rapid DPOAE screening mode Interactive Paediatric distraction display Easy-to-use pass/refer result Automatic test progression and interpretation	Extensive configurability including 12 frequency DPOAE Configurable norms Includes all LITE functions. Easy switching between applications.	DP Zoom to 100pts/octave DP Growth I/O with scissor mode Access to selected research function for IRB approved projects Multi test macro (4x protocols) Includes all FLEXI functions. Easy switching between applications.
	TEOAE only	TEOAE INCLUDED	TEOAE INCLUDED
TEST CONFIGURABILITY	14 Parameters, 1 Protocol	25 Parameters, 2 Protocols	28 Parameters, 2 Protocols
FREQUENCY RANGE (kHz)	1, 1.5, 2, 3, 4 kHz	1, 1.5, 2, 3, 4, 6 kHz	1, 1.5, 2, 3, 4, 6 kHz
FREQUENCY RESOLUTION	Half octave bandwidth	Half octave bandwidth	Half octave bandwidth
STIMULUS LEVELS (dB SPLpe)	Fixed 84 dB SPLpe	60 to 90 dB SPLpe (Δ 1dB)	60 to 90 dB SPLpe (Δ 1dB)
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Histogram	Graphic progress indicators / Numeric / Paediatric Distraction / Histogram / TE Waveform	Graphic progress indicators / Numeric / Paediatric Distraction / Histogram / TE Waveform / high res TE spectrum / Stimulus Waveform & Spectrum
PASS CRITERIA	Customisable SNR in any of 2, 3, or 4 half octave bands, or wide / narrow bands	Customisable SNR in any of 1 to 5 half octave bands	Customisable SNR in any of 1 to 5 half octave bands
PASS SNR (dB)	6dB (Fixed)	6dB recommended variable up to 14dB (Δ 1dB)	6dB recommended variable up to 14dB (Δ 1dB)
FEATURES	Gold standard TEOAE Quickscreen Interactive Pediatric distraction display Easy-to-use pass/refer result Automatic test progress and interpretation	Up to 6kHz with configurable norms Choice of response window Easy access to all Otoport LITE features with additional protocol.	Access to Otoport FLEXI features
	AABR only or ADD AABR TO OAE	ADD AABR	ADD AABR
TEST CONFIGURABILITY	8 Parameters, 1 Protocol	11 Parameters, 2 Protocols	2 Protocols, 16 Parameters
STIMULUS LEVELS (dBnHL)	30 to 45 (Δ 1dB) (up to 40 with earcups)	30 to 45 (Δ 1dB) (up to 40 with earcups)**	30 to 45 (Δ 1dB) (up to 40 with earcups)**
STIMULUS TYPE	Chirp	Chirp	Chirp and Click
FEATURES	Superior pretest environment, with power-line & individual impedance analysis. Fast pass/refer result Choice in stim delivery ear cup/insert	Real time ABR waveform view **45 to 60 dBnHL insert only for training Includes all LITE functions. Easy switching between applications with additional protocol.	Real time ABR waveform view **45 to 60 dBnHL insert only for training Extendable FSP for AABR waveform capture Easy access to all Otoport FLEXI features
ADDITIONAL OPTIONS			
Wireless Module	INCLUDED	INCLUDED	INCLUDED
Docking Station	INCLUDED	INCLUDED	INCLUDED
Integral Barcode / QR Scanner	OPTIONAL	OPTIONAL	OPTIONAL
Add Binaural Testing	OPTIONAL	OPTIONAL	OPTIONAL
Wireless Printer	OPTIONAL	OPTIONAL	OPTIONAL
Add Carry Case	OPTIONAL	OPTIONAL	OPTIONAL

* subject to qty



Features

Common to both Otocheck LE models

- Easy-to-use pass/refer result
- 1 key press and go operation
 - Minimal training required
- SNR & Signal to noise histogram display
- Interactive Paediatric distraction display
- Individual frequency progress display
 - 250 tests per battery charge



VISUAL DISTRACTION DISPLAY
Friendly paediatric animations

Otoport



Otocheck LE

DP OR TE

NEWBORN SCREENING
PAEDIATRIC ASSESSMENT
CLINICAL AUDIOLOGY
RESEARCH

USE

DP OAE

	DPOAE
TEST CONFIGURABILITY	1 Protocol, 2 Parameters
PRESET FREQUENCY (kHz)	2, 3, 4, 6 kHz, 4 frequencies
FREQUENCY RANGE (kHz)	2 - 6 kHz
FREQUENCY RESOLUTION	Half octave
FREQUENCY RATIO	1.22 (Fixed)
STIMULUS LEVELS (dBSPL)	60/50 to 70/70 (6 Presets)
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Histogram Graph
PASS CRITERIA	2, 3 or 4 Bands
PASS SNR	6dB (Fixed)
FEATURES	Rapid DPOAE screening mode Interactive Paediatric distraction display Easy-to-use pass/refer result Automatic test progression and interpretation

TE OAE

	OR TEOAE
TEST CONFIGURABILITY	1 Protocol, 1 Parameter
FREQUENCY RANGE (kHz)	1, 1.5, 2, 3, 4kHz
FREQUENCY RESOLUTION	Half octave bandwidth
STIMULUS LEVELS (dBSPLpe)	84 dB
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Histogram Graph
PASS CRITERIA	2, 3 or 4 half octave, narrow bands to pass
PASS SNR (dB)	6dB (Fixed)
FEATURES	Gold standard TEOAE Quickscreen Interactive Paediatric distraction display Easy-to-use pass / refer result Automatic test progress and interpretation
ADDITIONAL OPTIONS	
Wireless Module	INCLUDED
Charging Cradle	INCLUDED
Wireless Printer	OPTIONAL
Add Carry Case	OPTIONAL





USE

DP OAE

TE OAE

Echoport

3
YEARSINSTRUMENT
WARRANTY

Features

Common to both Echoport models

DESKTOP

OTOACOUSTIC EMISSION ANALYSER

- DP, TE and SOAE spontaneous emission search
 - Highly configurable stimuli
 - Unlimited database storage
 - Multiple data exports
 - Extensive patient database fields
- USB PC connection and PC App included

Echoport 292

NEWBORN SCREENING
PAEDIATRIC ASSESSMENT
CLINICAL AUDIOLOGY
RESEARCH

Echoport 292 I

Echoport 292 II

	DPOAE monaural	DPOAE binaural
TEST CONFIGURABILITY	4 Protocols, 19 Parameters	4 Protocols, 19 Parameters
PRESET FREQUENCY (kHz)	-	-
FREQUENCY RANGE (kHz)	0.8 to 10.5 kHz	0.8 to 10.5 kHz
FREQUENCY RESOLUTION	1,2,3,4,8 pts/octave	1,2,3,4,8 pts/octave
FREQUENCY RATIO	1.04 to 1.5 ($\Delta 0.02$)	1.04 to 1.5 ($\Delta 0.02$)
STIMULUS LEVELS (dB SPL)	40 to 80 ($\Delta 1$ dB)	40 to 80 ($\Delta 1$ dB)
DISPLAY	-	-
PASS CRITERIA	10 Parameters	10 Parameters
PASS SNR	Up to 14 dB per frequency ($\Delta 1$ dB)	Up to 14 dB per frequency ($\Delta 1$ dB)
FEATURES	DPgram high resolution 8pts/oct (27 frequencies) Extensive patient database fields DP Growth I/O with scissor mode	DPgram high resolution 8pts/oct (27 frequencies) Extensive patient database fields DP Growth I/O with scissor mode DP binaural recording
	TEOAE INCLUDED	TEOAE INCLUDED
TEST CONFIGURABILITY	4 Protocols, 17 Parameters	4 Protocols, 17 Parameters
FREQUENCY RANGE (kHz)	Up to 6 kHz, 100 pts	Up to 6 kHz, 100 pts
FREQUENCY RESOLUTION	50Hz, 80Hz or half octave	50Hz, 80Hz or half octave
STIMULUS LEVELS (dB SPL _{pe})	40 to 90 ($\Delta 1$ dB)	40 to 90 ($\Delta 1$ dB)
DISPLAY	-	-
PASS CRITERIA	10 Parameters	10 Parameters
PASS SNR (dB)	Up to 14 dB per frequency ($\Delta 1$ dB)	Up to 14 dB per frequency ($\Delta 1$ dB)
FEATURES	TE Quickscreen, non-linear, linear, tone pip	TE Quickscreen, non-linear, linear, tone pip TE binaural recording TE Contralateral suppression
	SOAE INCLUDED	SOAE INCLUDED
	Synchronous spontaneous emission search & analysis	Synchronous spontaneous emission search & analysis





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