NEW

WIRELESS*

OtoNova

Real time wireless testing

Features

- Light weight, easy-to-use wireless and touch screen system
- 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

OtoNova 2 YEARS INSTRUMENT WARRANTY

OtoNova

USE	SCREENER	CLINICAL
APPLICATION PACKS		
NEWBORN SCREENING		
PAEDIATRIC ASSESSMENT		
CLINICAL AUDIOLOGY		
RESEARCH		

DP OAE	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
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)	60/55 or 70/70 (6 Presets)	60/50 to 70/70 (6 Presets) Custom 40 to 75 (Δ1dB)
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Line Graph / SNR Histogram	Graphic progress indicators / Numeric / Paediatric distraction / Line Graph / SNR Histogram
PASS CRITERIA	2, 3, 4 or 5 frequencies	Up to 16 freq. or 10-100% freq with DP Zoom
PASS SNR	6dB (Fixed), 2 noise criteria levels	6dB, configurable up to 14dB (Δ1dB)
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 Includes all SCREENER functions Easy switching between modes

TE OAE	TEOAE only ADD TE to DPOAE	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 (dBSPLpe)	Fixed 84 dBSPLpe	40 to 90 (Δ1dB)
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 (Δ1dB) for automation
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	AABR only ADD AABR to OAE	ADD AABR to OAE
TEST CONFIGURABILITY	7 Parameters, 1 Protocol	14 Parameters, Unlimited Protocols
STIMULUS LEVELS (dBnHL)	30 to 45 (Δ1dB) 40 with earcup	20 to 45 (Δ1dB)* 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 **60 dBnHL– for training insert only Includes easy access to OtoNova AABR SCREENER mode features

ADDITIONAL OPTIONS		
Wireless Module	-	-
Docking Station	-	-
Integral Barcode / QR Scanner	-	-
Add Binaural Testing	OPTION	OPTION
Wireless Printer	-	-
Add Carry Case from	OPTION	OPTION

* subject to qty

NEW

HANDHELD

Otoport

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

Otoport 2 YEARS INSTRUMENT WARRANTY

Otoport

USE	LITE	FLEXI	ADVANCE
NEWBORN SCREENING			
PAEDIATRIC ASSESSMENT			
CLINICAL AUDIOLOGY			
RESEARCH			

DP OAE	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)
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 (dBSPL)	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 (Δ1dB)
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
PASS CRITERIA	Pass on 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 (Δ1dB)	6dB configurable up to 14dB (Δ1dB)
FEATURES	Rapid DPOAE screening mode Interactive Paediatric distraction display Easy-to-use pass/refer result Automatic test progression and interpretation	Extensive configurability including 12 frenquency 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. Mutli test macro (4x protocols) Includes all FLEXI functions

TE OAE	TEOAE only ADD TEOAE to DP	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 (dBSPLpe)	Fixed 84 dBSPLpe	60 to 90 dBSPLpe (Δ1dB)	60 to 90 dBSPLpe (Δ1dB)
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 (Δ1dB)	6dB recommended variable up to 14dB (Δ1dB)
FEATURES	Gold standard TEOAE Quickscreen Interactive Paediatric distraction display Easy-to-use pass/refer result Automatic test progress and interpretaion	Up to 6kHz with configurable norms Choice of response window Easy access to all Otoport LITE features with additional protocal.	Access to Otoport FLEXI features

AABR	AABR only ADD AABR to OAE	ADD AABR to OAE	ADD AABR to OAE
TEST CONFIGURABILITY	8 Parameters, 1 Protocol	11 Parameters, 2 Protocols	16 Parameters, 2 Protocols
STIMULUS LEVELS (dBnHL)	30 to 45 (Δ1dB) (up to 40 with earcups)	30 to 45 (Δ1dB) (up to 40 with earcups)**	30 to 45 (Δ1dB) (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 - 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	OPTION	OPTION	OPTION
Add Binaural Testing	OPTION	OPTION	OPTION
Wireless Printer	OPTION	OPTION	OPTION
Add Carry Case from	OPTION	OPTION	OPTION

HANDHELD

DESKTOP*

USE	Otocheck LE	Echoport 292 I	Echoport 292 II
NEWBORN SCREENING			
PAEDIATRIC ASSESSMENT			
CLINICAL AUDIOLOGY			
RESEARCH			

DP OAE	DPOAE	DPOAE monaural	DPOAE binaural
TEST CONFIGURABILITY	2 Parameters, 1 Protocol	19 Parameters, 4 Protocols	19 Parameters, 4 Protocols
PRESET FREQUENCY	2, 3, 4, 6 kHz, 4 frequencies	-	-
FREQUENCY RANGE	2 - 6 kHz	0.8 to 10.5 kHz	0.8 to 10.5 kHz
FREQUENCY RESOLUTION	Half octave	1,2,3,4,8 pts/octave	1,2,3,4,8 pts/octave
FREQUENCY RATIO	1.22 (Fixed)	1.04 to 1.5 (Δ0.02)	1.04 to 1.5 (Δ0.02)
STIMULUS LEVELS (dBSPL)	60/50 to 70/70 (6 Presets)	40 to 80 (Δ1dB)	40 to 80 (Δ1dB)
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Histogram Graph	-	-
PASS CRITERIA	2, 3 or 4 Bands	10 Parameters	10 Parameters
PASS SNR	6dB (Fixed)	Up to 14dB per frequency (Δ1dB)	Up to 14dB per frequency (Δ1dB)
FEATURES	Rapid DPOAE screening mode Interactive Paediatric distraction display Easy-to-use pass/refer result Automatic test progression and interpretation	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

TE OAE	OR TEOAE	TEOAE INCLUDED	TEOAE INCLUDED
TEST CONFIGURABILITY	1 Parameter, 1 Protocol	17 Parameters, 4 Protocols	17 Parameters, 4 Protocols
FREQUENCY RANGE	1, 1.5, 2, 3, 4kHz	Up to 6 kHz, 100 pts	Up to 6 kHz, 100 pts
FREQUENCY RESOLUTION	Half octave bandwidth	50Hz, 80Hz or half octave	50Hz, 80Hz or half octave
STIMULUS LEVELS (dBSPLpe)	84 dB	40 to 90 (Δ1db)	40 to 90 (Δ1db)
DISPLAY	Graphic progress indicators / Numeric / Paediatric distraction / Histogram Graph	-	-
PASS CRITERIA	2, 3 or 4 half octave, narrow bands to pass	10 Parameters	10 Parameters
PASS SNR	6dB (Fixed)	Up to 14dB per frequency (Δ1dB)	Up to 14dB per frequency (Δ1dB)
FEATURES	Gold standard TEOAE Quickscreen Interactive Paediatric distraction display Easy-to-use pass / refer result Automatic test progress and interpretaion	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

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

ADDITIONAL OPTIONS	
Wireless Module	INCLUDED
Charging Cradle	INCLUDED
Wired Printer	OPTION
Add Carry Case from	OPTION

Otoport 2 YEARS INSTRUMENT WARRANTY

Features

Common to both Echoport 292 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 3 YEARS INSTRUMENT WARRANTY

* Laptop/Tablet not included

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(Product specification may differ)

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