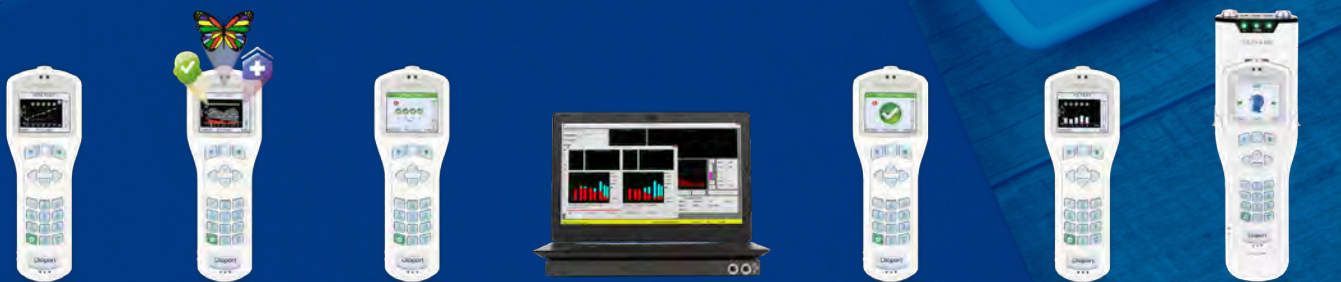


QUICK LOOK

OAE + **ABR**

PRODUCT Guide



Otoport
ADVANCE

Otoport *Flexi*

Otoport Lite^{DP}








Echoport 292

Otoport Lite^{TB}

Otoport
^{TB} SCREENER

Otoport **ABR**

Quick Look Product Guide

	 Echoport 292 <small>(Laptop or Desktop PC required)</small>	 Otoport ADVANCE	 Otoport Flexi <small>(New mode of Otoport DP+TE)</small>	 Otoport Lite^{DP}	 Otoport Lite^{TE}	 Otoport^{TE} SCREENER	 Otoport^{ABR}
	DESKTOP	HANDHELD	HANDHELD	HANDHELD	HANDHELD	HANDHELD	HANDHELD
USE	<ul style="list-style-type: none"> NEWBORN SCREENING PAEDIATRIC ASSESSMENT CLINICAL AUDIOLOGY RESEARCH 						
DP / OAE	TEST CONFIGURABILITY 4 Protocols, 14 Parameters FREQUENCY RANGE 0.8 to 10.5 kHz FREQUENCY RESOLUTION 1,2,3,4,8 pts/octave FREQUENCY RATIO 1.04 to 1.5 (Δ0.02) STIMULUS LEVELS (dB SPL) 40 to 80 (Δ1dB) PASS CRITERIA 10 Parameters PASS SNR 1 to 14dB per 1/2 octave (Δ1dB)	TEST CONFIGURABILITY 7 Protocols, 16 Parameters FREQUENCY RANGE 1 to 8 kHz, 13 Frequencies FREQUENCY RESOLUTION Up to 16 pts/octave FREQUENCY RATIO 1.2 STIMULUS LEVELS (Δ5dB) 40 to 75 (Δ5dB) PASS CRITERIA 9 Parameters PASS SNR 1 to 14dB per band (Δ1dB)	TEST CONFIGURABILITY 6 Protocols, 11 Parameters FREQUENCY RANGE 1 to 8 kHz, 12 Frequencies FREQUENCY RESOLUTION Up to 4 pts/octave FREQUENCY RATIO 1.2 STIMULUS LEVELS (6 Presets) 60/50 to 70/70 (6 Presets) PASS CRITERIA 3 Parameters PASS SNR 1 to 10dB per band (Δ1dB)	TEST CONFIGURABILITY 1 Protocol, 7 Parameters FREQUENCY RANGE 2, 3, 4, 6 kHz FREQUENCY RESOLUTION 1/2 octave FREQUENCY RATIO 1.2 STIMULUS LEVELS (6 Presets) 60/50 to 70/70 (6 Presets) PASS CRITERIA 2, 3, 4 Bands PASS SNR 1 to 10dB per band (Δ1dB)	-	-	TEST CONFIGURABILITY 3 Protocols, 16 Parameters FREQUENCY RANGE 1 to 6 kHz, 100 pts FREQUENCY RESOLUTION 50Hz, 80Hz or 1/2 octave STIMULUS LEVELS (Δ1dB) 60 to 90 (Δ1dB) PASS CRITERIA 10 Parameters PASS SNR 1 to 14dB per 1/2 octave (Δ1dB)
TE / OAE	TEST CONFIGURABILITY 4 Protocols, 10 Parameters FREQUENCY RANGE 1 to 6 kHz, 100 pts FREQUENCY RESOLUTION 50Hz, 80Hz or 1/2 octave STIMULUS LEVELS (dB SPL_{pe}) 40 to 90 (Δ1dB) PASS CRITERIA 10 Parameters PASS SNR 1 to 14dB per 1/2 octave (Δ1dB)	TEST CONFIGURABILITY 3 Protocols, 16 Parameters FREQUENCY RANGE 1, 1.5, 3, 4, 5, 6 kHz FREQUENCY RESOLUTION 80Hz or 1/2 octave bandwidth STIMULUS LEVELS (Δ1dB) 60 to 90 (Δ1dB) PASS CRITERIA 7 Parameters PASS SNR 1 to 14dB (Δ1dB)	TEST CONFIGURABILITY 2 Protocols, 10 Parameters FREQUENCY RANGE 1, 1.5, 2, 3, 4kHz FREQUENCY RESOLUTION 1/2 octave bandwidth STIMULUS LEVELS (Δ1dB) 60 to 84 (Δ1dB) PASS CRITERIA 2, 3, or 4 1/2 octave, wide or narrow bands to pass PASS SNR 6dB (Fixed)	-	TEST CONFIGURABILITY 1 Protocol, 7 Parameters FREQUENCY RANGE 1, 1.5, 2, 3, 4kHz FREQUENCY RESOLUTION 1/2 octave bandwidth STIMULUS LEVELS (Δ1dB) 60 to 84 (Δ1dB) PASS CRITERIA 2, 3, or 4 1/2 octave, wide or narrow bands to pass PASS SNR 6dB (Fixed)	TEST CONFIGURABILITY 3 Protocols, 16 Parameters FREQUENCY RANGE 1, 1.5, 3, 4, 5, 6kHz FREQUENCY RESOLUTION 1/2 octave bandwidth STIMULUS LEVELS (Δ1dB) 60 to 90 (Δ1dB) PASS CRITERIA 7 Parameters PASS SNR 1 to 14dB (Δ1dB)	TEST CONFIGURABILITY 2 Protocols, 9 Parameters STIMULUS LEVELS (Δ1dB) 5 to 60dBnHL (Δ1dB) STIMULUS TYPE Chirp and Click
ABR	TEST CONFIGURABILITY - STIMULUS LEVELS (dBnHL) - STIMULUS TYPE -	ADD ABR →	ADD ABR →	ADD ABR →	ADD ABR →	ADD ABR →	ADD ABR →
HARDWARE	BATTERY LIFE No Batteries required DATABASE STORAGE Unlimited LANGUAGES English, French, German, Italian, Portuguese PATIENT DEMOGRAPHIC Further patient demographic fields available via Otalink	BATTERY LIFE 250 tests per battery charge DATABASE STORAGE 5000 tests, 1000 patients LANGUAGES English PATIENT DEMOGRAPHIC ID, name, DOB, gender, Mother, notes, risk, location, facility, patient status, consent	BATTERY LIFE 250 tests per battery charge DATABASE STORAGE 1000 tests, 1000 patients LANGUAGES English, Spanish, French, Portuguese, Italian, German, Turkish, Polish, Hungarian PATIENT DEMOGRAPHIC ID/notes, name, DOB, gender, location, facility, patient status	BATTERY LIFE 250 tests per battery charge DATABASE STORAGE 500 tests, 500 patients LANGUAGES English, Spanish, French, Portuguese, Italian, German, Turkish, Polish, Hungarian PATIENT DEMOGRAPHIC ID/notes, name, DOB, gender, location, facility, patient status	BATTERY LIFE 250 tests per battery charge DATABASE STORAGE 500 tests, 500 patients LANGUAGES English, Spanish, French, Portuguese, Italian, German, Turkish, Polish, Hungarian PATIENT DEMOGRAPHIC ID/notes, name, DOB, gender, location, facility, patient status	BATTERY LIFE 250 tests per battery charge DATABASE STORAGE 5000 tests, 1000 patients LANGUAGES English PATIENT DEMOGRAPHIC ID, name, DOB, gender, Mother, notes, risk, location, facility, patient status, consent	BATTERY LIFE 250 tests per battery charge DATABASE STORAGE 500 tests, 500 patients LANGUAGES English, Spanish, French, Portuguese, Italian, German, Turkish, Polish, Hungarian PATIENT DEMOGRAPHIC ID/notes, name, DOB, gender, location, facility, patient status
KEY FEATURES	<ul style="list-style-type: none"> 2 YEARS INSTRUMENT WARRANTY 3 YEARS INSTRUMENT WARRANTY SOAE synchronous spontaneous emission search DPgram high resolution 8pts/oct (27 frequencies) DP Growth I/O with scissor mode DP&TE binaural recording*** TE Contralateral suppression*** TE Quickscreen, non-linear, linear, tone pip 	<ul style="list-style-type: none"> DP Zoom to 16pts/oct DP Growth I/O with scissor mode Smart SNR, configurable -15 to 0 Configurable individual pass criteria Multi test macro (4xprotocols) Extensive patient database fields Dedicated QA test area & history view TEOAE Waveform Plus Otoport DP Clinical features 	<ul style="list-style-type: none"> DPgram line & Signal to noise histogram display Data Table display One key select Clinical/Screening protocol (unique to Otoport Flexi) Linked test macro function TEOAE Waveform (Add Option) Paediatric distraction display Plus Otoport features 	<ul style="list-style-type: none"> Rapid DPOAE screening mode SNR test progress display Easy-to-use pass/refer result Create multiple Users with Admin management and security Programmable Work List Probe test function and ID tracking 	<ul style="list-style-type: none"> Gold standard TEOAE Quickscreen SNR & Signal to noise histogram display Easy-to-use pass/refer result Create multiple Users with Admin management and security Programmable Work List Probe test function and ID tracking 	<ul style="list-style-type: none"> Gold standard TEOAE Quickscreen Configurable individual pass criteria Fast pass/refer result Extensive patient database fields Create multiple Users with Admin management and security Programmable Work List Dedicated QA test area & history view 	<ul style="list-style-type: none"> Superior pretest environment, with powerline and impedance analysis Clear test progression notification Fast pass/refer result Choice in stim delivery ear cup/insert Real time ABR waveform view Create multiple Users with Admin management and security Programmable Work List
ADDITIONAL OPTIONS	Add Paediatric Distraction Display - Add Wireless Module - Add Docking Station - Add Mini Printer - Add More -	INCLUDED INCLUDED INCLUDED OPTION ADD Noah	INCLUDED INCLUDED OPTION OPTION ADD TEOAE, ADD ILOv6, ADD Noah	INCLUDED INCLUDED OPTION OPTION ADD Noah	INCLUDED INCLUDED OPTION OPTION ADD Noah	INCLUDED INCLUDED OPTION OPTION ADD Noah	INCLUDED INCLUDED OPTION OPTION ADD Binaural testing, ADD Noah



Founded in 1988 by the discoverer of Otoacoustic emissions, Professor David T Kemp FRS. Otodynamics was the first OAE company. Being a privately owned and managed company it's free to give top priority to research and development. Its in-house engineers and scientists are experts dedicated to quality, reliability and performance. Otodynamics stands out as the Gold Standard, consistently the first choice in Audiology.



POWERFUL DIAGNOSTICS AID
The NEW Otoport Flexi has exactly what's needed for clinical OAEs at a highly competitive price. Six multi-customisable protocols, including 12 frequency 1-8kHz DPgram with normative range markers. The Otoport Flexi can be configured for adult, paediatric or infant screening applications with one touch. Need more? The Otoport Advance and Echoport ILO292 offer advanced OAE measurements.



FAST | EASY | CLEAR
The Otoport is ideal for screening children for OAEs. Our NEW Paediatric feature provides colourful animated distraction images, encouraging children to remain still and quiet during testing. The cartoons become more and more colourful when the child is quiet and fade when there is noise or movement. Choose the DPOAE or TEOAE Otoport Lite model.



SCREEN with CONFIDENCE
Otoport Screeners are expertly designed to be flexible, simple and easy-to-use while meeting all your Newborn Hearing Screening needs. Intelligent automated ABR screening technology and proven Gold Standard OAEs provide rapid accurate and reliable pass/refer results. This combination makes the Otoport OAE+ABR the perfect screener, building on Otodynamics involvement in national Universal Newborn Hearing Screening Programmes for almost 30 years.

* Otoport Instruments ** Echoport Instruments *** Echoport ILO292 II



OAE / + **ABR**

 **NEUROSPEC**

Research Neurosciences

NEUROSPEC AG	www.neurospec.com
Stansstaderstrasse 10	info@neurospec.com
CH-6370 Stans	Tel +41 41 371 07 04
Switzerland	Fax +41 41 371 07 03