

# Echoport ILO292



## Advanced clinical OAEs

- A full range of advanced clinical tests with our ILO V6 software
- TEOAE, DPOAE, SOAE, DP Growth, Bilateral TE and DP plus Contralateral Suppression
- The Gold Standard OAE instrument from the OAE company



Read more at [www.neurospec.com](http://www.neurospec.com)

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**NEUROSPEC**  
Research Neurosciences

**Otdynamics**  
Audiology Systems



# Features

## A comprehensive OAE instrument

### TEOAE recording

- Quick Screen and Standard 'ILO' (20ms) diagnostic recording
- Click stimulus or configurable tone pulse
- Configurable stimulus intensity. In-the-ear calibration
- Real-time stimulus and probe fit monitoring
- 'ILO' analysis giving OAE dB SPL and reproducibility in half-octave bands

### DPOAE recording

- High resolution DPgram up to 8 points per octave (27 frequencies shown)
- Preset and customizable stimuli
- Programmable L1 and L2 level, frequency ratio, points/octave, frequency range, manual/automatic/intelligent frequency progression
- Total DP power assessment
- DP I/O growth rate analysis, dB/dB or scissor optimized stimuli
- True time domain averaging and noise statistics
- Ultra secure SNR assessment

### Advanced functions

- Powerful 'synchronised' spontaneous emission search to reveal actual and latent spontaneous OAEs
- Full spectrum display during DP test shows higher order DPs
- Contralateral noise suppression of TEOAE

### Analysis tools

- Examine/compare feature for DP-DP, TE-DP and TE-TE
- Full cross correlation, frequency analysis with reproducibility and signal-to-noise data on single test or between test pairs
- Waveform analysis with response subtraction
- Detailed TEOAE spectrum analysis (50Hz resolution). Half-octave OAE power assessment
- Full numerical OAE data table provided

### Data handling

- Fully searchable patient database with printable reports
- ILO standard DTA and DPG files
- Exportable data to OZ, Hi\*Track, XML, ILOV5, Excel and ASCII (user selectable data elements)
- Import of data from other V6 or EZ•Screen sites
- Integration of multiple sites, testers and machines
- Ability to network databases

### Hardware

- Robust, compact format
- USB plug-n-play connection to PC
- Lightweight and battery-free

Note: PC not included

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OAE probes  
292-II 2 x DP, 1 x TE  
292-I 1 x DP, 1 x TE

Echoport bag



Probe pouch



Probe cable clip



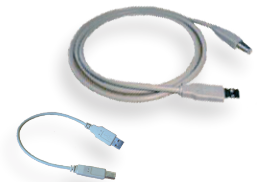
Probe test cavity



Startup probe tip box



User manuals



2m and 0.5m USB cables



V6 & EZ•Screen  
PC software



# Accessories

## Technical Specifications

**Dimensions:** 297mm x 210mm x 18mm (11.75in x 8.25in x 0.75in).  
**Weight:** 1.045kg (2.3lb). **Connections:** Two probe sockets - for UGS or UGD probes with built in ID and memory chip. (292 USB-I one probe socket fitted. Removable blank for upgrade). Standard USB interface on rear.  
**Power consumption:** when device connected 50mA; when software running 140mA; recording monaural 320mA.  
**Channels:** 4 Independent stimulus channels (292-I two only) 16 bit 25kHz, 0-95dB. 2 signal input channels (292-I one only) 16 bit 25kHz.  
**PC requirements**  
 Windows 7, Vista or XP (32 and 64 bit), free USB port.  
**Classification**  
 Type BF, class II. Certified as meeting EN60601-1, UL2601, CSA 22.2, no. 601-1, CE, EMC. Otdynamics is an ISO9001 and ISO13485 compliant company.  
 (Features and Specifications subject to change)