

Echoport ILO292



Advanced binaural 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

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NEUROSPEC
Research Neurosciences

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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
- Simultaneous binaural recording (ILO292-II only)

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
- Simultaneous binaural recording (ILO292-II only)

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; recording binaural 480mA.

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)