

Otoport DP+TE



- Fast, easy to use and simple to configure
- Suitable for patients of all ages
- An all-purpose OAE instrument with customizable protocols



Read more at www.otodynamics.com/OtoportDP+TE

International +44 1707 267540 • USA 1 800 659 7776 • email sales@otodynamics.com

 **Otodynamics**
Audiology Systems

Otoport DP+TE Features

All you need for OAE screening and clinical investigations.

Test Modes

- 1-8 kHz DPgram, 12 frequencies (configurable) plus 1-8kHz 4pts/octave DPgram
- 1-4 kHz TEOAE ILO Quickscreen

Operation

- Fast, noise-resistant OAE recording
- Optimized paediatric mode
- Configurable operation, from basic screener to clinical instrument
- Simple pass-refer result or detailed OAE data displays
- Integral patient record database - with cell phone type keypad
- Long battery life - over 250 test cycles or one full working week
- Battery level and charging indicators
- Docking station option links to PC, printer and PSU

Displays

- Unique graphical indication of probe fit quality (checkfit)
- Alerts to poor probe fit, high noise level and ringing stimulus
- Intuitive graphic OAE displays show signal to noise progress
- Half-octave OAE signal, noise and band pass indicators
- Numerical table of signal, noise and SNR
- Customisable normative range display markers

Test Configuration

- Instant DPOAE or TEOAE mode selection at test start
- DP high and DP low stimulus modes, level configurable
- DP 12 frequency mode for higher resolution tests
- Any 2, 3, 4 or 5 frequency configurable DP pass criteria
- 2, 3 or 4 half-octave, wide or narrowband TE pass criteria
- Automatic test start option for rapid screening
- Smart mode test management for faster testing
- Configurable noise rejection for your environment

Integral Database

- Holds the last 1000 tests listed in chronological order
- Provides on-screen test result summary table
- Stores patient ID, name, date of birth, gender, notes, location, facility and full OAE data plus patient status
- Worklist facility for pre-entry of patient details
- Integral ID chip reader or barcode scanner options (at time of order)

Quality Assurance

- Probe test function and ID tracking
- Whole system power-on self-test
- User login and password protection if required
- Proven Otodynamics OAE technology

Printing from Otoport

- Fast print time, full numerical and band pass data
- Configurable numeric or detailed graphics
- Automatic print-on-connect mode
- Wired or wireless printing options (at time of order)

PC software

- Automated USB data transfer to Otolink PC software
- Provides record review, manage, export, print and archive
- Option of EZ•Screen or V6 for detailed OAE data analysis
- Otolink uploads firmware updates to Otoport

Ref: BOPDT-06 March 2012



Accessories

Technical Specifications

User interface: Display: 65K colour LCD, QVGA resolution. Input: Alphanumeric keypad with cursor control and menu softkeys. **Languages:** English, Spanish, French, Portuguese, German. **Test capacity:** More than 250 test cycles or one full working week (typical use). 4GB non-volatile memory. **Hardware options:** Wireless printing/internal barcode reader/RFID scanner. **Data acquisition:** Analogue interface: 2 x 16bit (output) and 1 x 16 bit (input) channels. **Frequency response:** 160Hz to 12KHz (electrical). **Electrical interfaces:** Probe connector (Otodynamics 8-pin). Data/charge connector - USB 1.1/2.0 compatible PC connection for data and charging, also accepts Otodynamics PSU. **Power:** Internal rechargeable 3.7v, 1000mAh lithium-polymer battery. **Charge time:** 3 hrs to 90%. Approx 4 hrs to 100% capacity. Intelligent multi-level power control. **Maximum power use:** Testing - 630mW. Charging - 2.5W. **Dimensions:** 7.6" x 2.7" x 1.2" (195mm x 70mm x 30mm). **Weight:** 7.5 oz (214 g). **Operating environment:** For indoor use at 41 to 104°F (5-40°C). Max humidity 80% up to 88°F (31°C) decreasing linearly to 5% RH at 104°F (40°C). **Transport and storage environment:** 32-104°F (0°C to 40°C). **Pressure range:** 23-101KPa. **Humidity:** 10% to 90% non-condensing. **Classifications and standards:** Device Class 2a (Directive 93/42/EEC). ISO 13485. ISO 14971. BS EN 60601. UL 60601. CSA-C22.601. (Features and Specifications subject to change)

Otodynamics Ltd.

30-38 Beaconsfield Road Hatfield Herts AL10 8BB UK
tel +44 (0)1707 267540 email sales@otodynamics.com
www.otodynamics.com/OtoportDP+TE