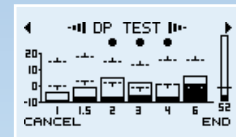
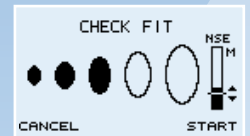


# Otoport DP+TE



Powerful and Fast  
DPOAEs + TEOAEs  
for All Ages

## Otodynamics All-purpose OAEs



OAE TEST

	SIGNAL	NOISE	SNR
1K	6.8	1.4	5.4
1.5K	1.5	3.8	4.3
2K	8.5	1.2	7.4
3K	3.3	2.6	0.7
4K	5.4	1.1	4.3

CANCEL END

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# Features

All you need for OAE screening and clinic investigations

## Test Modes

- 1-8 kHz DPgram, 6 frequencies (configurable)
- 1-4 kHz TEOAE ILO Quickscreen
- (Also available in a DP only version)

## Operation

- Fast, noise-resistant OAE recording
- 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 - up to 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

- DP high and DP low stimulus modes, level configurable
- Instant DPOAE or TEOAE mode selection at test start
- 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

## Technical Specifications

**Interfaces:** Probe connector (Otodynamics 8-pin). Data connector - USB 1.1/2.0 compatible PC connection for data and charging, also accepts Otodynamics PSU. Optional wireless interface to Otodynamics printer and for future data transfer expansions.

**Keyboard:** 19 key language specific alphanumeric with cursor control and menu buttons.

**Power:** Internal rechargeable 3.7v, 1000mAh lithium-polymer battery. Charge time - 3 hrs to 90% capacity, approx 4 hrs to 100%. Intelligent multi-level power control for charging/testing/idle/sleep/shutdown. Max dissipation, testing, 720mW, charging, 2.5W.

**Processors:** DSP data acquisition and analysis engine 420 MIPS. Multiprocessor user interface. 8MB non-volatile database.

**Analogue interface:** 2 x 16bit (output) and 1 x 16 bit (input) channels. Frequency response (electrical) - 160Hz to 12KHz.

**Hardware options:** Wireless printing, internal barcode reader and RFID scanner.

**Dimensions:** 195mm x 70mm (max) x 30mm. Weight: 0.55 lbs (250g).

**Operating environment:** For indoor use: 5 to 40 deg C. Max humidity 80% to 31 deg C decreasing linearly to 5% RH at 40 deg C. For transport and storage: 0 to 40 deg C. Pressure: 23-101KPa. Humidity: 10% to 90% non-condensing.

**Classifications and standards:** Device Class 2a (Directive 93/42/EEC). BS EN ISO 13485:2001. ISO 14971. BS EN 60601. UL 60601. CSA-C22.601.

# Accessories



## Choose the package for you

### Otoport DP+TE Standard Package Item OP-S

Otoport with probe, standard accessories as illustrated above, Otoport charger (select charging cradle for desk use or wired charger for maximum portability), Otolink PC software and download cable, manuals, carry bag for Otoport and accessories, except cradle.

### Otoport DP+TE and Printer Package Item OP-P

As Standard Package plus battery mini-printer (wired or purchase wireless option) with charger, plain and self-adhesive paper rolls, carry bag holding Otoport, printer and all accessories, except cradle.

### Otoport DP+TE Deluxe Package Item OP-D

Otoport with probe, standard accessories as illustrated above plus double the standard number of probe tips, wired Otoport charger, full Otoport docking station which conveniently connects printer, charger and PC, Otolink PC software and download cable, EZ•Screen and V6 OAE analysis software, manuals, battery mini-printer (both wired and wireless modes) with charger, plain and self-adhesive paper rolls, carry bag for Otoport, printer and all accessories, except docking station.

*Package Enhancements: Integral ID chip reader and barcode scanning*

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