

Welch Allyn OAE Hearing Screener

Specifications

Measurement Types	DPOAE Screening	2 Fixed Protocols
	Frequencies	2,000 kHz; 3,000 kHz; 4,000 kHz; 5,000 kHz
	L1/L2	65 / 55 dB
	SNR	6 dB
	Pass Criteria	3 frequencies at 6 dB SNR
	Averaging Time	2 and 4 seconds
Handheld Unit	Display	Color OLED display
	User Input	4-button operation
	Connectors	<ul style="list-style-type: none"> • Micro-USB for charging and communication • HDMI for probe
	Weight	6.4 oz (180 g)
	Communication to PC	Micro-USB or Wireless
	Languages	English, German, Spanish, French, Polish, Russian, Italian, Turkish, Portuguese, Chinese
	Power Supply	5.0 V DC, 1.6 A
Probe	Connector	HDMI
	Probe Description	<ul style="list-style-type: none"> • Integrated microphone and receivers in probe head • Calibration data stored on probe
	Cable Length	40 in (101.6 cm)
	Weight	1.0 oz (28 g)
	Microphone Noise	20 dB SPL @ 2 kHz (1 Hz bandwidth), -13 dB SPL @ 1 kHz (1 Hz bandwidth)
	Ear Tips	Single-use disposable ear tips
Cradle	Operation	Provides PC database communication and charging
Data	Test Memory	250 tests on unit
	Patient Names	Patient names on unit (optional)
	Database Software	Report output to PDF, RTF, Image files
Printer	Type	Thermal Dot Matrix
	Power	7.4 V lithium ion battery 100-240 V, 50/60 Hz
	Paper Width	2.25 in (57 mm)
	Communication	Wireless
Power	Battery	3.6 V rechargeable lithium ion
	Battery Life	15 hours on time
	Charge Time	4 hours to 100%
Accessories	Standard	Handheld unit, Probe, Micro USB charging cable for charger, Database software and micro USB connector, Disposable ear tip kit and tubes, User Manual, Quick Guide, Calibration Certificate
	Optional	Cradle, Printer, Carry Case, Ear Tips, Replacement Cables, Replacement Probe, and Probe Tubes



Data Manager Software System Requirements

- Computer (minimum)
- Operating System
- Software

Data Manager Software System Computer Requirements (minimum)

- CPU: 1 GHz
- RAM: 512 MB
- Hard Disk: 2 GB
- CD-ROM: Required if installing from a CD
- Network connections: 1 each if installing from a network location or printing to a network printer
- Internet browser: Internet Explorer 6.0 or later and current service pack are recommended
- USB Port: 1 each for the screener, data manager and, if used, a printer
- Display Resolution: 1024 x 768

Supported Operating Systems

- Microsoft Windows® 7 Pro, 8.1 Pro and 10

Software Requirements

- Microsoft .NET Framework version 4.0 (bundled with installer if not already installed)
- Adobe® Reader
- FTDI USB Driver for instrument connection

For more information on the Welch Allyn OAE Hearing Screener, please contact your local distributor or Welch Allyn at 1.800.535.6663 or visit www.welchallyn.com.