



Welch Allyn OAE Hearing Screener

Components

- > Welch Allyn OAE Hearing Screener
- > Lightweight ear probe with nozzle
- > Ear tip sampler pack
- > Charging cable
- > USB cable
- > Spare ear probe body nozzle
- > Label printer with serial cable
- > Directions for use, quick reference guides, and inservice CD
- > ASCII CD
- > Warranty registration card

Features

- > DPOAE protocol
- > Fast, accurate results—in as little as 10 seconds per ear
- > Protected microphone and easy-to-clean tip virtually eliminate occlusion and contamination
- > Objective test—no patient response required
- > Pass/Refer result provided—No interpretation required
- > Operates on rechargeable lithium battery or AC power
- > 10-test memory
- > Self-adhesive label printout
- > 1-year warranty with an extended warranty available

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Specifications

DPOAE Collection Parameters

Frequency	L1	L2	F2/F1	Artifact Level
5000	65	55	1.22	30
4000	65	55	1.22	30
3000	65	55	1.22	30
2000	65	55	1.22	30

Pass/Refer Criteria

The DP system default protocol is set with the following Pass/Refer criteria.

Frequency	DP	And/Or	DP-NF	Noisy Message	Include in P/R
5000	-6	And	6	-5	Yes
4000	-5	And	6	-5	Yes
3000	-8	And	6	-5	Yes
2000	-7	And	6	-5	Yes

Electrical

- Lithium ion battery or AC charger power source
- Verify the equipment is connected to a power line source with the following frequency, voltage and current capacity:

Frequency	50/60 Hz
Voltage	100 to 240 VAC
Current Capacity	1.20 – 1.60 A
Charging Time	Approx 3 hours to complete charge
Battery On-Time	Approx 3 hours (180 minutes)
Auto Off	Turns off after 180 seconds of dormancy to maximize battery life

Environmental

Temperature

Operating	15 to 40° C
Storage	-20 to 70° C

Humidity

Note: These are maximums and should not be considered normal operating or storage environments.

Operating	15% to 95% @ 40° C non-condensing
Storage	90% @ 65° C

Condensation

Recovery Time after condensation to operational specification	24 hours
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Flammability

UL94 HB

EMC Standards

Type Equipment

Radiated and Conducted Emissions and Immunity	IEC 60601-1-2, Group 1 Class B
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Designed to meet the electrical safety standards:

- IEC 60601-1-1 Class II, UL60601-1, CSA-C22.2 No. 601.1

Mechanical

OAE Hearing Screener Dimensions	7.7" L x 4" W x 1.8" D (19.4 L x 10 W x 4.3 D cm)
Weight	1.2 lbs (550 g)
Mic Frequency Response	100 Hz to 8 kHz \pm 2 dB; 8 kHz to 10 kHz \pm 3 dB
Mic Dynamic Range	90 dB SPL undistorted output < -30 dB SPL at 0.25 to 10 kHz with 32 second averaging
System S/N Ratio	-85 dB

Warranty

- One-year warranty on device parts and labor
- Extended warranty available

Applicable CPT Codes

- 92587 evoked otoacoustic emission, limited

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Please note that the coding information contained here is neither conclusive nor does it ensure that you will be successful in obtaining coverage and/or reimbursement from government and private payers.

Depending on circumstances that will vary from patient encounter to patient encounter, separate reimbursement may or may not be allowed for use of a Welch Allyn product used during a specific procedure or service. Use of the product may be included in the reimbursement for Evaluation and Management services provided by the physician. Please check with the specific payer to confirm whether or not the use of a separate code is acceptable. Welch Allyn does not assume any responsibility for the decisions made by payers regarding payment for procedures involving our devices when the coding information suggested in this specifications sheet is used.

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Ordering Information

OAE HEARING SCREENER SET

29400	Welch Allyn OAE Hearing Screener Set
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PRINTER

29450	OAE Label Printer
29451	OAE Label Roll Replacement (Self-adhesive) 220/roll

OAE ACCESSORIES

29440	OAE Carrying Case (Case for Screener Set Only, No Printer)
29410	OAE Test Cavity, 5/bag
29411	Ear Probe Body Nozzle, OAE, 5/bag
29460	Extended Warranty—One Year (covers hearing screener, unit, probe, calibration once every two years, battery replacement)

OAE DISPOSABLE EAR TIPS

29420	OAE Ear Tip Sampler Pack (Tree, Newborn, Infants, Adolescents, Test Cavities, Nozzles)
29421	OAE Tree Ear Tips, Newborn, 20/bag
29422	OAE Tree Ear Tips, Newborn, 100/bag
29423	OAE Blue Infant Ear Tips, 20/bag
29424	OAE Blue Infant Ear Tips, 100/bag
29425	OAE Pediatric Foam Ear Tips, 20/bag
29426	OAE Pediatric Foam Ear Tips, 100/bag
29427	OAE Adolescent Foam Ear Tips, 20/bag
29428	OAE Adolescent Foam Ear Tips, 100/bag

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