






Otoacoustic Emissions (OAE) Equipment Comparisons for Lay Screeners Serving Children 0 - 3 Years of Age

All equipment listed below meets the following criteria for hand held OAE screening units to be used by lay screeners:	Yes
Equipment can be purchased as a basic screener with an appropriate protocol for screening children ages 0-3	✓
Equipment provides a "Pass" or "Refer" result that requires no interpretation (using pass criteria of 3 out of 4 frequencies)	✓
Equipment uses Distortion Product (DP) screening modality most common for screening children ages 0-3; (Some equipment can be purchased as a "TEOAE" or a "DPOAE" unit—be sure to ask for "DPOAE" only)	✓
Equipment is handheld, portable and adaptable to varied screening situations	✓
Probe cord is of sufficient length (approx. 48"), and has a clip to attach it to clothing, for screening children who are mobile and sitting upright*	✓

Specifics and Questions	AUDX	WELCH ALLYN OAE SCREENER	EROSCAN	OTOREAD	ECHO SCREEN
Additional considerations that may differ by equipment/ manufacturer					
Manufacturer Contact Information	Natus Medical Inc 1501 Industrial Road San Carlos, CA 94070 1-800-303-0306 www.natus.com	Welch Allyn OAE Screener 4341 State Street Road, PO Box 2200; Skaneateles, Fall, NY 13153-0220 1-800-535-6663 www.welchallyn.com	Maico Diagnostics 7625 Golden Triangle Dr. Eden Prairie, MN 55344 1-800-941-4201 www.maico- diagnostics.com	Interacoustics 7625 Golden Triangle Dr., Suite F Eden Prairie, MN 55344-1-800-947-633 www.interacoustics-us.com	Natus Medical Inc 1501 Industrial Road San Carlos, CA 94070 1-800-303-0306 www.natus.com
What is the power source?	AC and rechargeable battery	AC and rechargeable battery	AA batteries	AA batteries	Rechargeable battery
Are expandable foam tips available?	Yes	Yes	No	No	Yes
What standard accessories are included?	Hard carrying case, initial supply of probe tips in various sizes, printer.	Hard carrying case, initial supply of probe tips in various sizes, printer.	Soft side carrying case, initial supply of probe tips in various, AA batteries, cradle.	Soft side carrying case, initial supply of probe tips in various sizes.	Soft sided carrying case, initial supply of probe tips in various sizes
Length of warranty?	1 year	1 year	1 year	1 year	1 year
Display features	Monochrome	Monochrome	Monochrome, Green/Yellow backlight	Monochrome	Monochrome backlit display (good for low light settings)
Comments	Same as Welch Allyn Screener – Natus manufactures both units. Compare prices.	Same as AUDX – Natus manufactures both. Compare prices.	Same as OtoRead. *Essential to purchase the corded probe. Need to skip 'cal' mode to screen ears with perforations/PE tubes.	Same as EroScan. *Essential to purchase the corded probe. Need to skip "cal" mode to screen ears with perforations/PE tubes.	Be sure to order the Echo Screen Basic 5 key DPOAE model. Comes in many advance configurations – do not need beyond the basic 5 key

