








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

Updated October, 2014

<i>All equipment listed below meets the following criteria for hand held OAE screening units to be used by lay screeners:</i>		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*		✓

<i>Additional considerations that may differ by equipment /manufacturer</i>								
Manufacturer	Photo	Manufacturer Contact Information	What is the power source?	Are expandable foam tips available?	What standard accessories are included?	Length of warranty?	Display features	Comments
AUDX		Natus Medical, Inc. 1501 Industrial Road San Carlos, CA 94070 1-800-303-0306 www.natus.com	AC and rechargeable battery	Yes	Hard carrying case, initial supply of probe tips in various sizes, printer.	1 year	Monochrome	• Same as Welch Allyn Screener – Natus manufactures both units. Compare prices.
ECHO SCREEN		Natus Medical, Inc. 1501 Industrial Road San Carlos, CA 94070 1-800-303-0306 www.natus.com	Rechargeable battery	Yes	Soft side carrying case, initial supply of probe tips in various sizes.	1 year	Backlit monochrome	• Be sure to order the Echo Screen Basic 5 key DPOAE model.
EROSCAN		Maico Diagnostics 7625 Golden Triangle Dr. Eden Prairie, MN 55344 1-800-941-4201 www.maico-diagnostics.com	Rechargeable battery	No	Soft side carrying case, initial supply of probe tips in various sizes.	1 year	Backlit monochrome	<ul style="list-style-type: none"> • Be sure to order the DPOAE Screening model only. • Same as GSI Corti. Maico Diagnostics manufactures both units. Compare prices. • To test children with PE tubes, the AutoStart needs to be disabled with a few key-punches on the main menu.

Manufacturer	Photo	Manufacturer Contact Information	What is the power source?	Are expandable foam tips available?	What standard accessories are included?	Length of warranty?	Display features	Comments
GSI CORTI		Grason-Stadler 7625 Golden Triangle Drive, Suite F Eden Prairie MN 55344 800-700-2282 or 952-278-4402 e-mail: info@grason-stadler.com www.grason-stadler.com	Rechargeable battery	No	Soft side carrying case, initial supply of probe tips in various sizes.	1 year	Color display	<ul style="list-style-type: none"> • Be sure to order the DPOAE Screening model only. • Same as Maico EroScan. Maico Diagnostics manufactures both units. Compare prices. • To test children with PE tubes, the AutoStart needs to be disabled with a few key-punches on the main menu.
OTOCHECK		Otodynamics Ltd. 30-38 Beaconsfield Rd Hatfield, Hertz, UK AL10 8BB 1-800-659-7776 http://www.otodynamics.com	Rechargeable battery	Yes	Initial supply of probe tips in various sizes.	2 years	Backlit color	<ul style="list-style-type: none"> • Be sure to order the Otocheck DP Basic screener with “rapid test” mode.
OTOREAD		Interacoustics 7625 Golden Triangle Dr., Suite F Eden Prairie, MN 55344-1-800-947-633 www.interacoustics-us.com	AA batteries	No	Soft side carrying case, initial supply of probe tips in various sizes.	1 year	Monochrome	<ul style="list-style-type: none"> • Same as original model EroScan. • Essential to purchase the corded probe. • Need to skip “cal” mode to screen ears with perforations/PE tubes.
WELCH ALLYN		Welch Allyn 4341 State Street Road, P.O. Box 2200 Skaneateles Falls, NY 13153-0220 1-800-535-6663 www.welchallyn.com	AC and rechargeable battery	Yes	Initial supply of probe tips in various sizes, printer.	1 year	Monochrome	<ul style="list-style-type: none"> • Same as AUDX – Natus manufactures both units. Compare prices.

For independent user reviews go to: <http://www.kidshearing.org/oaereviews/>