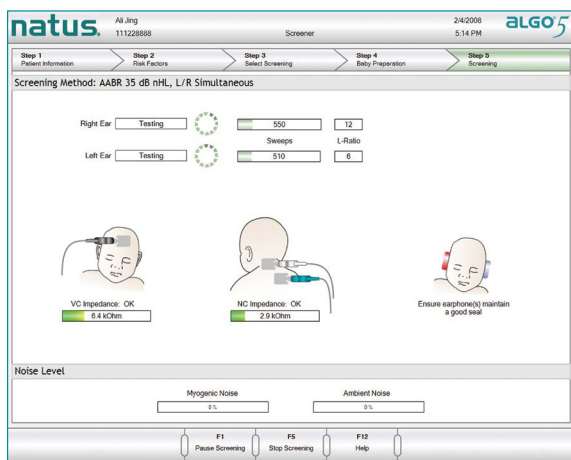




The **ALGO 5** Newborn Hearing Screener combines the trusted Natus ALGO AABR[®] algorithm with cutting edge technology to provide the ideal solution for your newborn hearing screening program.

ALGO 5 system features:

- Natus' exclusive ALGO AABR technology – the gold standard in newborn hearing screening, with clinically proven sensitivity and specificity
- Device-based data management
 - Statistical reports
 - Pre-formatted letter templates
 - Multi-patient management
 Ability to export data in multiple formats
- Easy-to-use graphical user interface with integrated touch screen capability



- Network compatible
- Label printer and optional page printer
- Facility-based audible[™] Desktop hearing screening data manager combines and reports patient and test data from all Natus hearing screening devices that provide demographic data



Taking care of babies as if they were our own...

Setting the industry standard

Natus is the premier company to help establish quality newborn hearing screening programs.

- Over 24 years of experience in developing devices designed specifically for newborn hearing screening
- More than 40 million newborns screened in over 55 countries



The gold standard in hearing screening technology

With the ALGO system, you get the best in newborn hearing screening technology, plus the best in service and program support.

- The patented and clinically proven ALGO AABR statistical detection algorithm for best sensitivity and specificity
- Advanced signal processing techniques to ensure high signal quality and minimized test time in clinical environments
 - weighted averaging
 - optimum filtering
 - ambient acoustic noise monitoring
 - electrical/myogenic noise monitoring
 - continuous impedance monitoring
 - simultaneous screening of both ears
 - standardized test parameters
- On-site training to use the ALGO screener
- Ongoing consultation to implement and maintain a quality newborn hearing screening program
- Extensively trained and experienced technical staff
- Educational materials:
 - Program implementation handbooks to get you up and running quickly
 - Continuous quality improvement tools help you maintain an exemplary program
 - Parent education materials encourage maximum awareness and involvement



Why do so many experts trust ALGO AABR technology?

Achieves the lowest clinically proven refer rates while identifying the babies that need further evaluation¹

- Maximizing the return on your investment
 - Provides optimal workflow and parent comfort due to high specificity
 - Eliminates unnecessary and time intensive infant follow-up and tracking
 - Minimizes effects of ambient and myogenic noise to allow screening in quiet state, without requiring sleep or sedation optimizing discharge flow

Validated in controlled, randomized, multi-center clinical studies

- Over 14 peer-reviewed, published articles to support the ALGO screener's superior accuracy and reliability¹
 - Highest clinically proven sensitivity (>99%)¹ – minimizing false pass results
 - Highest clinically proven specificity (>96%)¹ – minimizing false refer results
- Clinical data collected on over 250,000 infants that validate product performance¹
- Documented performance in independent peer reviewed clinical program reports¹

Provides fully automated screening parameters and screening results

- All results are based on the same objective, standardized criteria:
 - Automatic pass/refer results that require no interpretation
 - Preset screening parameters that cannot be adjusted
- Minimizes the risk of user error and test variability

The company and technology of choice ...

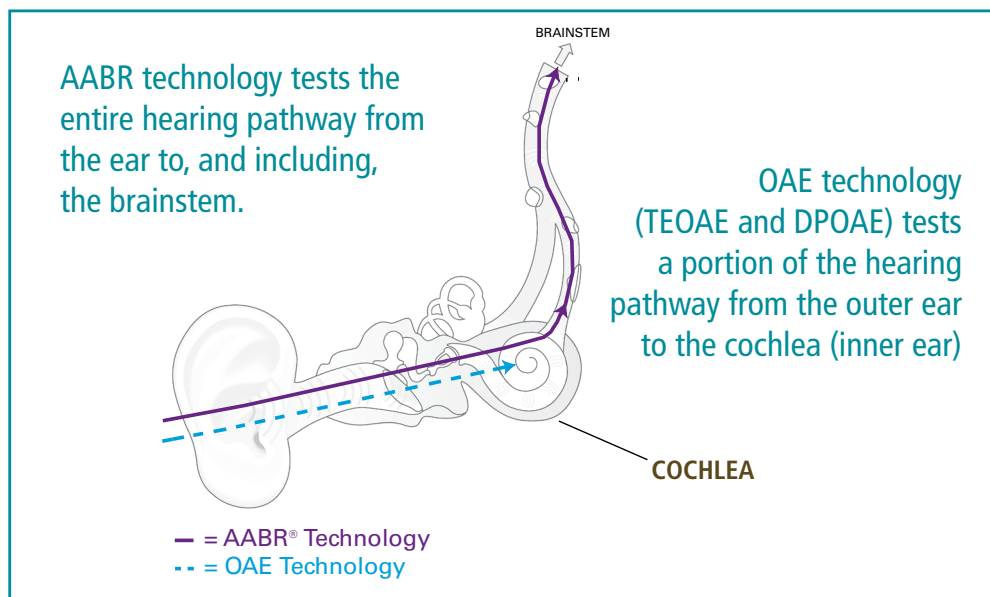
"We chose ALGO AABR technology for our screening program, because it was clinically proven to achieve the lowest refer rates. Because the ALGO screener minimizes the number of false-refers generated within our program, we don't have to worry about causing unnecessary parental anxiety."

– Ichiro Fujita, M.D., Ph.D, Department of Pediatrics, Saga Medical School, Japan



"I enjoy working with the Natus ALGO 5 newborn hearing screener. The screener is easy to use, quick to results; and the convenience of the touch screen computer makes it very user-friendly."

– Mandy Verton, RN, Maria Parham Medical Center, Henderson, NC



Provides screening of the entire hearing pathway and identifies infants with auditory neuropathy.

Specifications

Weight

140 lbs (63.5 kg)

This system complies with the following safety and EMC standards:

- UL60601-1;
- CSA-22.2 601-1;
- EN60601-1 and EN60601-1-2 Class I, Type BF Equipment

Sweep Rates

37 clicks/second (nominal) or 34 clicks/second (nominal) alternating

Power Supply

Power Rating 100-120 V~, or 200-240 V~100 VA, 50/60 Hz, 1.3 Amps (as measured without optional Laser Printer)

Dimensions

61.5in H x 20in W x 19.5in D

Classifications

- Class I equipment, BF type applied part
- Not suitable for use in the presence of flammable anesthetic, mixture with air, Oxygen or nitrous oxide
- Operating temperature: 10° - 40° C (50° - 104° F)
- Storage temperature: -20° - 40° C (-4° - 104° F)
- Humidity range: 10 - 90% non-condensing
- Operating altitude: sea level - 6000 ft
- Continuous operation



Hearing Screening



Thermoregulation



Jaundice Management



Newborn Brain Injury



Tracking and Follow-Up



Nursery Essentials

natus

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Natus... Where Babies Come First.™

Visit our NERVE Center® education portal at nervecenter.natus.com

1 Reference on file at Natus

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