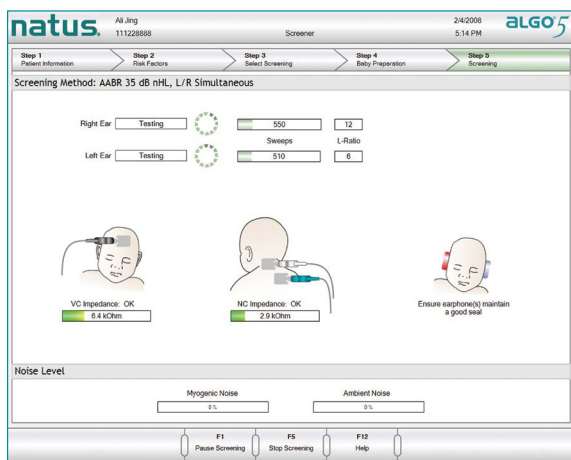




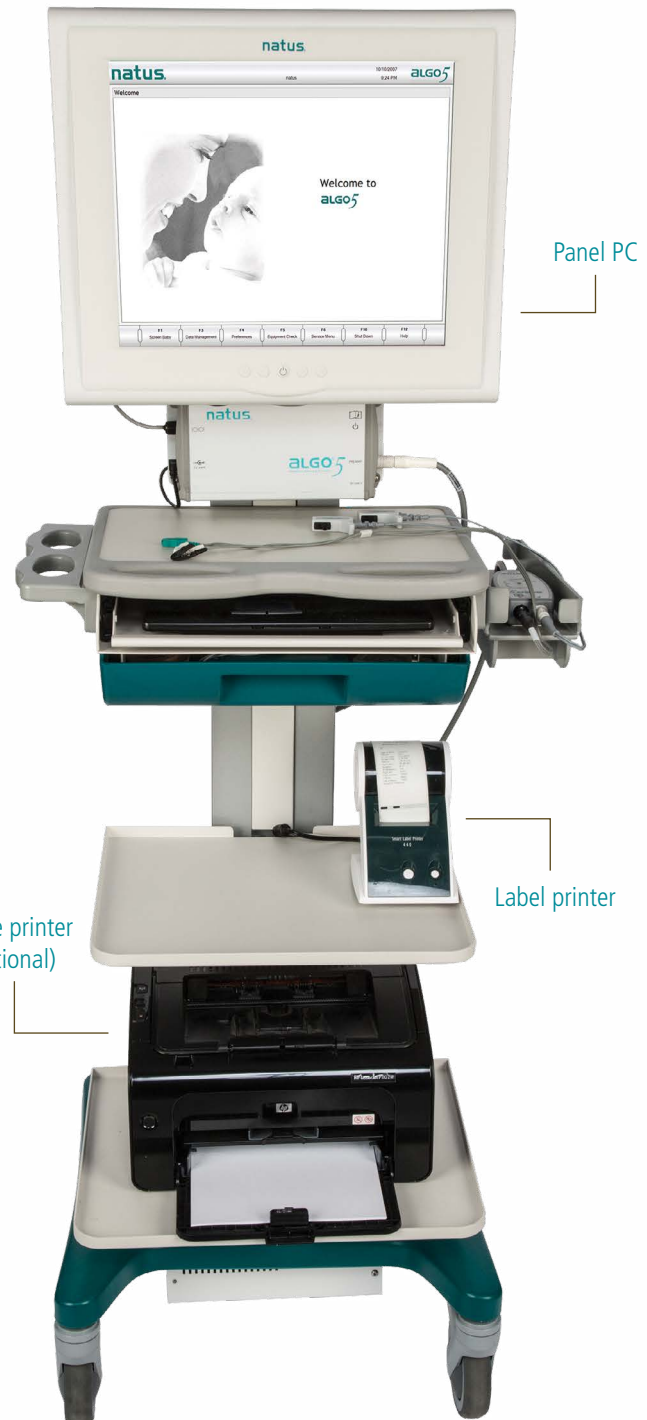
The **ALGO 5** Newborn Hearing Screener combines the trusted Natus ALGO AABR<sup>®</sup> algorithm with cutting edge technology to provide the ideal solution for your newborn hearing screening program.

### 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<sup>™</sup> 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 evaluation<sup>1</sup>

- 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 reliability<sup>1</sup>
  - Highest clinically proven sensitivity (>99%)<sup>1</sup> – minimizing false pass results
  - Highest clinically proven specificity (>96%)<sup>1</sup> – minimizing false refer results
- Clinical data collected on over 250,000 infants that validate product performance<sup>1</sup>
- Documented performance in independent peer reviewed clinical program reports<sup>1</sup>

## 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 ...

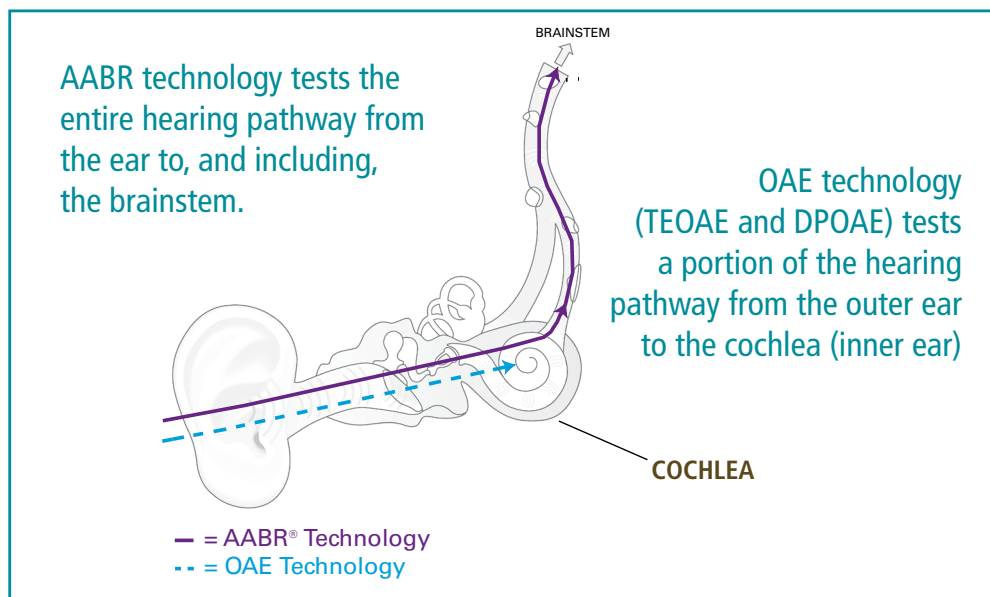
*"We chose ALGO AABR technology for our screening program, because it was clinically proven to achieve the lowest refer rates. Because the ALGO screener minimizes the number of false-refers generated within our program, we don't have to worry about causing unnecessary parental anxiety."*

– 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](http://nervecenter.natus.com)

1 Reference on file at Natus

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