

The **ALGO 3i** newborn hearing screener combines the AABR[®] technology you trust in a hand-held screener.

ALGO 3i system features:

Natus AABR[®] technology – the gold standard in newborn hearing screening, with clinically proven sensitivity and specificity.

Fast and simple operation

- The ALGO 3i device screens both ears simultaneously
- Unique SpeedScreen[™] function allows you to conduct a test while entering patient information
- SmartHelp system offers helpful tips targeted to your needs
- Colored, graphical displays guide you easily through the screening process
- Fully automated, objective pass/refer results do not require interpretation
- Completely standardized, pre-set screening parameters provide consistent, objective results

Maximum adaptability

- Screen in a variety of settings with the versatile ALGO 3i SoftClip[™] attachment or the pole mount
- Available in more than a dozen languages

Wireless data transfer and data management

- Wireless printing of screening results
- Wireless transfer of patient screening data to a PC
- Exports to a variety of 3rd-party data management systems



Includes

audble[™] lite
Natus Hearing Screening Data Manager

Facility-based data management for use with most Natus Hearing Screeners:*

- Combines patient and test information from multiple Natus Hearing Screening devices into one desktop facility-based data management program
- Tightly integrated with Microsoft[®] Word (2007 or 2010) for creation and generation of letters, labels and reports
- Enhanced conflict resolution to assist with identifying demographic data entry errors

*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 30 million babies screened with ALGO devices in over 55 countries

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 150,000 infants to validate product performance¹

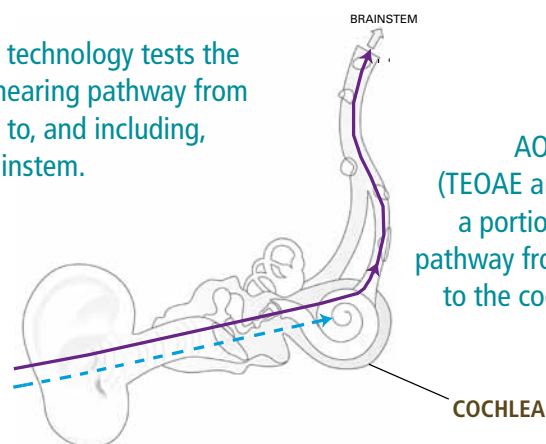
Achieves the lowest clinically proven refer rates¹

- Maximizing the return on your investment
 - Reduces the number of repeat tests
 - Eliminates unnecessary infant follow-up and tracking
 - Minimizes staff and workflow inefficiencies



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

AABR® technology tests the entire hearing pathway from the ear to, and including, the brainstem.



— = AABR® Technology
- - = AOAE® Technology

AOAE™ technology (TEOAE and DPOAE) tests a portion of the hearing pathway from the outer ear to the cochlea (inner ear)

Why do so many experts trust Natus AABR technology?

The gold standard in hearing screening technology

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

- Inservice materials and support
- Extensively trained technical support
- Educational materials:
 - Program implementation handbooks help you start your program
 - Continuous quality improvement tools help you maintain an exemplary program
 - Parent education materials encourage maximum awareness and involvement

Provides fully automated screening parameters and screening results

- Patented, proprietary binomial statistical detection tests the probability of pure EEG noise vs. EEG noise + ABR using a template matching algorithm based on normal infant ABR response. Better than a 99.9% level of statistical confidence is required to earn a Pass.
- 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
- Documented performance in independent peer reviewed clinical program reports¹

The ALGO 3i Newborn Hearing Screener system includes:

- ALGO 3i screener
- Carrying case (back pack)
- Sensor cable
- Earphone cable (ATA)
- Label printer (optional)
- Roll stand mount
- Battery pack and charger
- Instructional materials (on CD)
- ALGO check kit
- Data Utility Software (DUS) and data export adapter
- audible Lite facility-based hearing screening data management



Specifications

Nominal dimensions

Screener: 7.9" H x 3.8" W x 2.5" D
20.2 x 9.58 x 6.33 cm

Nominal weight

Screener: 2.0 lbs (0.93 kg)
(including battery and cable)

Sweep rates

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

Power supply

Battery: 7.4V 1800mAh, Li Ion

Full charge operation: minimum 4 hours
run time

Recharge time: ≈4 hours

Battery charger: Input: 100-240V~, 50-60 Hz
Output: 12V === at 3.3A

Device electrical ratings

12V === at 1A

Operating temperature

41° F (5° C) - 100° F (38° C)

Storage temperature

-22° F (-30° C) - 131° F (55° C)

Humidity

5-90% non-condensing

Safety and compliance standards

- UL2601-1
- CAN/CSA-C22.2 601-1
- EN60601-1
- EN60601-1-2

Classifications

- Type BF applied part
- Ordinary equipment for protecting against ingress of water (IPX0)
- Not suitable for use in the presence of flammable anaesthetic mixture with air, oxygen or nitrous oxide
- Continuous operation

Operating altitude

Sea level: 6000 feet (1820 meters)

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

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1 Reference on file at Natus

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