

# Newborn Hearing Screening gets a "touch" more intuitive



Madsen® Accuscreen

  
otometrics  
a division of natus

# Another giant step for Newborn Hearing Screening

Allow us to present Madsen® Accuscreen, the solution used by thousands of hearing care professionals around the world in their Newborn Hearing Screening (NHS) programmes.

## **Designed by you**

You might say that the Accuscreen was designed by you. We started with all the great feedback you gave us during the first wave of NHS programmes. Then we incorporated what we learned into the Madsen Accuscreen – optimizing in everything from the device's physical size and charging system, to the user interface, navigation system and administrator control capabilities.

## **A proud heritage**

The Madsen Accuscreen offers the same precision and workflow integration that's made Otometrics screening devices a first choice for NHS programmes around the world. In fact, doctors, nurses and hearing care professionals have screened more than 80 million newborns using Accuscreen – making our name one of the most trusted in the industry. And at Otometrics, we're more than just device manufacturers. We're an experienced partner in NHS programmes, and our products come with a full range of support and service options.

## **Easy to charge anywhere**

Say goodbye to messy cables with a convenient docking station for charging, transfers and more.



## **Fast, accurate and intuitive**

The now legendary Madsen Accuscreen is fast, accurate and intuitive, and the touch screen user interface helps speed up the whole screening process – while delivering all the accuracy you expect from the Accuscreen name.

More than  
**80,000,000**  
newborns tested with Accuscreen



## Intuitive accuracy

- Phenomenal track record
- Preferred by leading screening programmes
- Combined OAE/ABR device enabling two-step screening
- More than 80,000,000 newborns screened
- Low maintenance costs
- Durable probe
- Probe and ear couplers for ABR
- Breakthrough touch screen display
- Easy and intuitive data entry
- Detailed test and result screens
- On-screen help menu
- Reliable and faster screening
- Small and lightweight
- Docking station for data transfer, instrument updates and charging
- Angled probe with improved probe tip
- Quality tests of probe and cables
- Comprehensive software offering patient, test and device management
- Data links: HiTrack, OZ-Systems, pathTrack, eSP (UK)

# Your workflow has never been so **simple**



**Quality tests**  
Checking to make sure your Accuscreen is working properly is easy and fast, saving time and improving the validity of test results.

With its slimmed-down profile, intuitive touch screen display, angled probe and convenient docking station, the Madsen® Accuscreen is all about design. But at Otometrics, “design” really means usability, and the way a given tool fits into and supports your unique workflow.

## **Breakthrough touch screen**

The first thing you’ll notice about the Accuscreen is its striking touch screen display. Touch screen technology has enabled us to take a quantum leap in user-friendliness. You always have an overview of all the main commands right at your fingertips, and tasks like accessing test results, entering data and adding comments have never been easier –

allowing you to focus on the infants you’re screening instead of the technology.

## **Easy to learn, guess and remember**

With easy access to all functions and big bright icons providing strong visual cues, learning to use the Accuscreen is fast and easy. This means you can get new screening personnel up to speed very quickly and without costly training courses. And if a user ever does get stuck, Accuscreen offers a comprehensive on-screen help menu to resolve the problem on the spot.

## **Vastly improved workflow**

Accuscreen’s convenient docking station takes the hassle out of battery charging, data transfers,

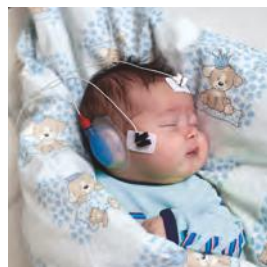
device settings, firmware updates and label printer connections by handling all of it, while also keeping your device right where you need it. An improved, angled probe ensures a secure fit, and even allows you to screen infants in car seats, for example.

## **Binaural, simultaneous ABR testing**

With Accuscreen ear couplers it is possible to run sequential or simultaneous ABR tests, minimizing the work around the baby during testing. After placing the ear couplers and electrodes, you don’t need to move the baby until both ears are tested - this saves time.



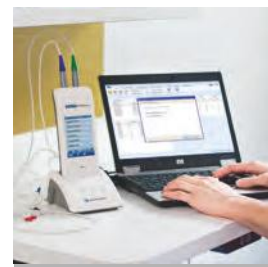
**Angled probe for better fit**  
Based on your feedback, we’ve redesigned the Accuscreen probe to make testing a smoother experience for all concerned.



**Dual-density ear couplers**  
A dual-density ear coupler design adapts to the shape of the baby’s head, ensuring an easy fit, optimal sealing and accurate stimulus presentation for more reliable results.



**Intuitive touch screen**  
The breakthrough touch screen interface puts patient setups, testing, printing and much more right at your fingertips.

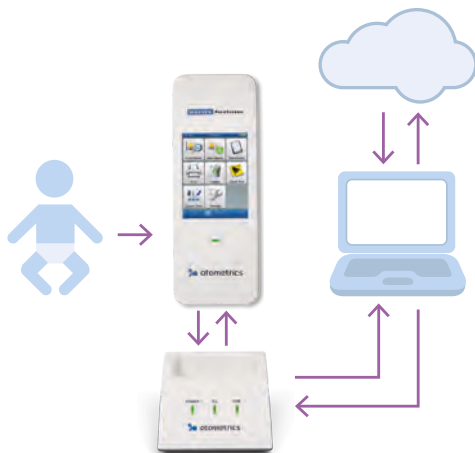


**Improved workflow**  
It’s now much easier to transfer data, upload patient lists to the device and download patient data. Links to external data management.





# The intuitive solution for a **more efficient** NHS program



## Cost effective two-step screening

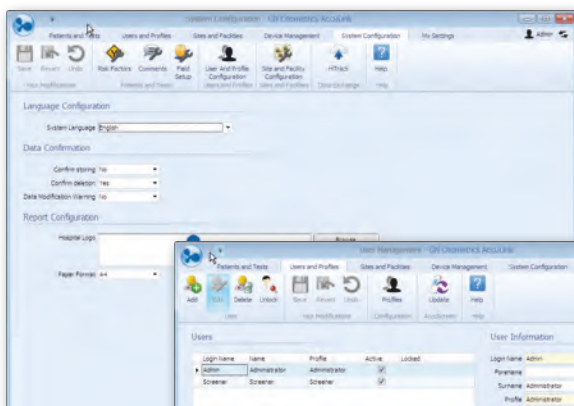
The Madsen® Accuscreen isn't just intuitive for everyday users. It also makes better sense for your NHS programme as a whole. Having ABR and OAE testing combined in a single device can help you lower costs. The device's low maintenance costs, a reduced need for training and our comprehensive support and service offerings help you bring down costs even further.

## Powerful software

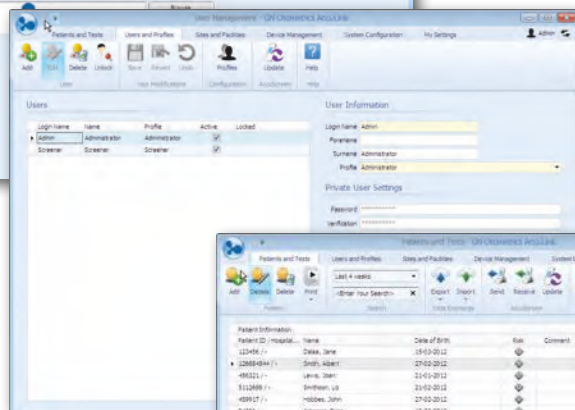
The AccuLink software delivers several benefits, including a comprehensive settings menu that lets you define settings on the computer and transfer them to the device simply by placing the device in the docking station. Via the docking station, you can also easily upload patient lists to the device and download patient data – including test results, comments and risk factors – for convenient data processing.

## Enhanced governance and security features

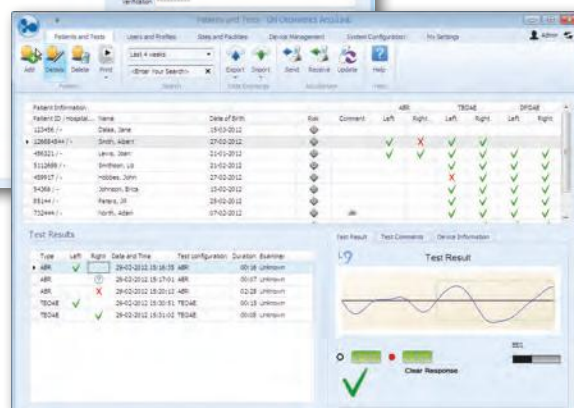
Accuscreen and the AccuLink software make it easy to manage user profiles, with test management functionality ensuring that only the required tests are performed, and a deletion management system taking care that no child's test results are lost. The optional mandatory field system is used to make sure all required patient details are recorded, allowing administrators to easily customise patients' demographic data setup in the device.



System configuration



Users and Profiles



Patients and Tests

# All this and **more** at your fingertips



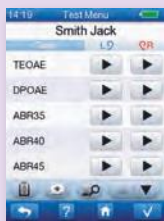
1 Daily probe and cable tests have never been easier thanks to the quality tests.

2 Entering patient details is far less cumbersome with the large touch screen keypad.



3 Handling probes is much easier thanks to angled probes that ensure easy placement and optimal fit.

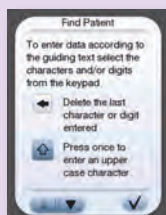
4 The intuitive test menu gives you a clear overview of the different testing options.



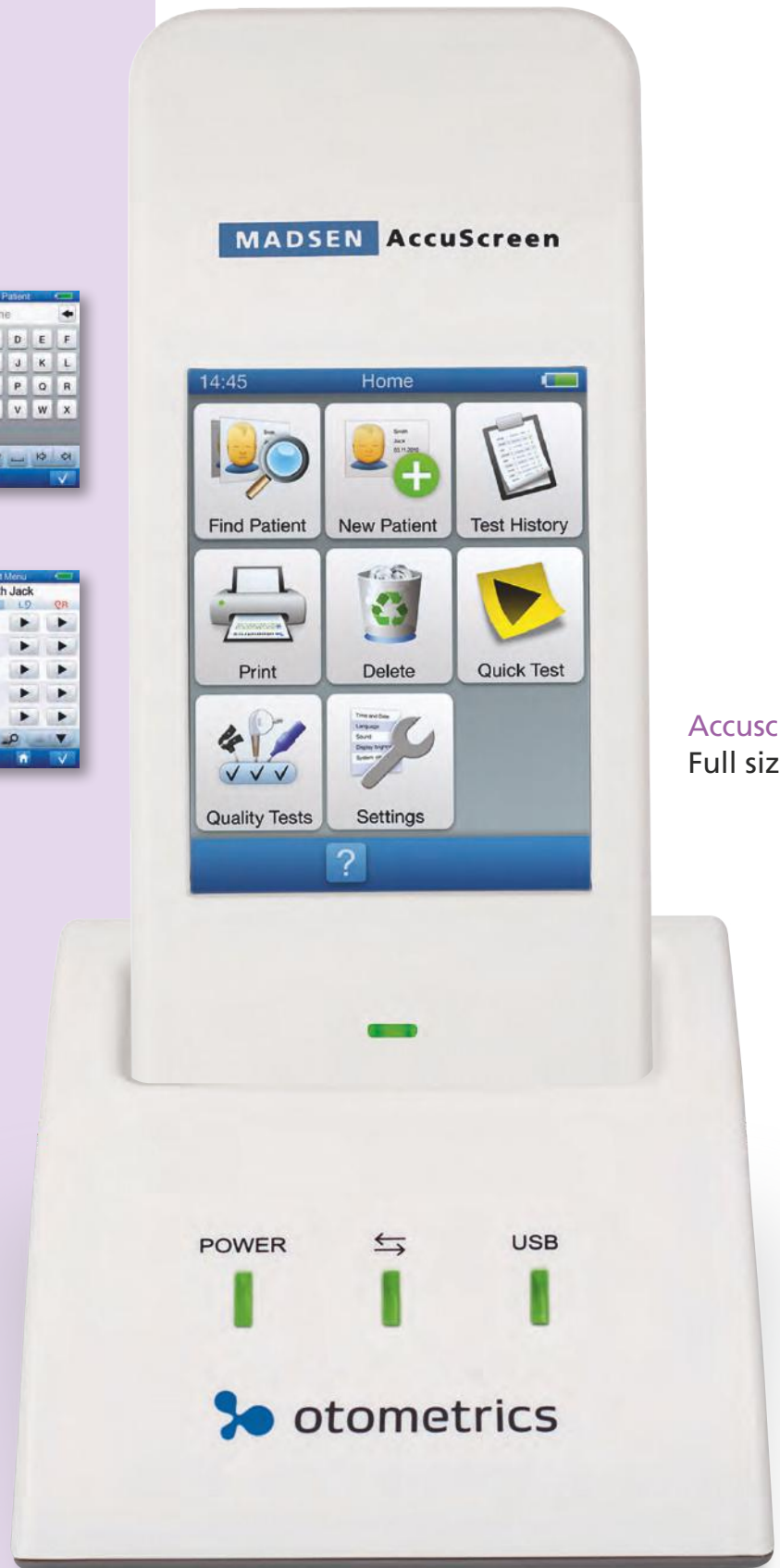
5 Monitor test progress with easy-to-read graphical displays.



6 Get answers you understand, with no need for interpretation.



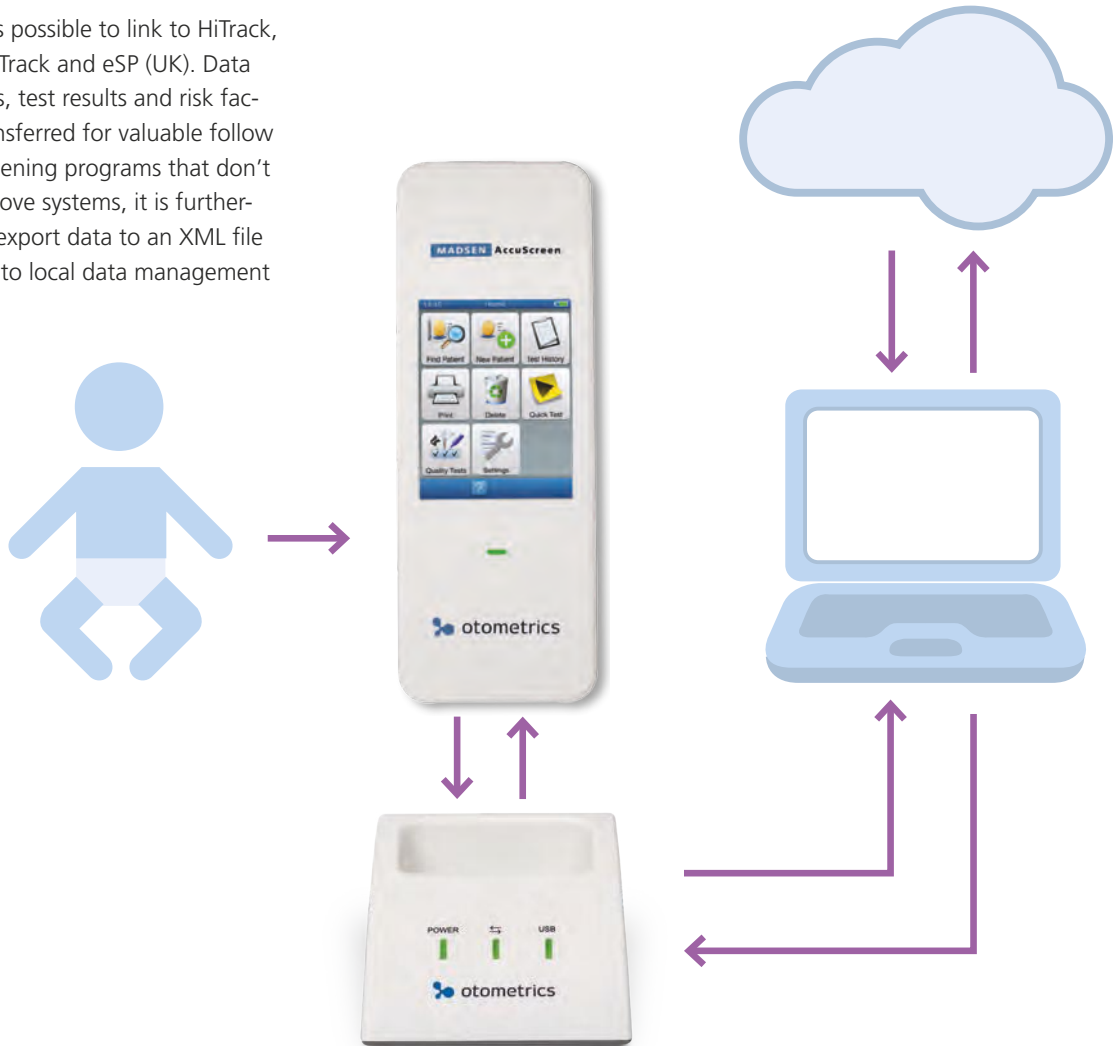
7 The comprehensive on-screen help menu is always ready to assist you.



Accuscreen Full size.

# Links to external data management systems

With Acculink it is possible to link to HiTrack, OZ-Systems, pathTrack and eSP (UK). Data like patient details, test results and risk factors are easily transferred for valuable follow up. For those screening programs that don't run one of the above systems, it is furthermore possible to export data to an XML file and import this into local data management systems.



For more information about Madsen® Accuscreen, please visit [otometrics.com/accuscreen](http://otometrics.com/accuscreen)