

# MADSEN AccuScreen with touch screen display

Features	Advantages	Benefits
Graphical user interface – Large touch screen display	<ul style="list-style-type: none"> <li>• Offers a clear overview of the different testing options</li> <li>• Very intuitive easy to use</li> <li>• Makes the learning curve even shorter</li> <li>• Enables a quick overview of test results</li> <li>• Fast and easy to move through the menu</li> <li>• Colour display provides state of the art graphs and more detailed test information</li> </ul>	<ul style="list-style-type: none"> <li>• Saves time</li> </ul>
Intuitive touch screen menus	<ul style="list-style-type: none"> <li>• Enables fast navigation</li> <li>• Easy to learn and operate</li> <li>• Short learning curve</li> </ul>	<ul style="list-style-type: none"> <li>• Less time spent per baby screened</li> </ul>
Comprehensive on-screen help menu	<ul style="list-style-type: none"> <li>• Resolves the problem on the spot if a screener should get stuck</li> <li>• Perfect tool for on-the-spot troubleshooting</li> <li>• Shortens the need for onsite support</li> </ul>	<ul style="list-style-type: none"> <li>• Save time on training</li> <li>• Spend less time reading manuals</li> </ul>
Touch screen keypad	<ul style="list-style-type: none"> <li>• Fast and intuitive patient data and comments entry</li> </ul>	<ul style="list-style-type: none"> <li>• Increases efficiency when testing (save time)</li> </ul>
Durable touch screen display	<ul style="list-style-type: none"> <li>• Designed for heavy usage</li> <li>• Extensive keystroke durability (min. 1 million repetitive strokes per screen point)</li> <li>• Same touch screen display used for various GPS products</li> </ul>	<ul style="list-style-type: none"> <li>• Less maintenance cost</li> </ul>
Comprehensive test battery (Two step screening with a single device)	<ul style="list-style-type: none"> <li>• Any combination of TEOAE, DPOAE and ABR in a single device is possible</li> <li>• Offers a choice of DPOAE protocols supporting local screening program requirements</li> <li>• ABR stimulus levels: 30, 35, 40 and 45 dB nHL</li> <li>• One device for all screening needs</li> </ul>	<ul style="list-style-type: none"> <li>• Cost efficient</li> <li>• Workflow efficient (less training needed etc.)</li> </ul>
Built-in test cavity	<ul style="list-style-type: none"> <li>• Easy quality check of probe (automatic detection of probe when placed in cavity)</li> <li>• Ensures probe functionality</li> <li>• Ensures device up-time</li> <li>• Increases validity in test results</li> </ul>	<ul style="list-style-type: none"> <li>• Saves time</li> </ul>
Quick test functionality	<ul style="list-style-type: none"> <li>• Enables the test to be performed at a push of a button without data being stored</li> <li>• Ideal for training of users and nervous parents</li> </ul>	<ul style="list-style-type: none"> <li>• Saves time</li> </ul>
Design – Ergonomics	<ul style="list-style-type: none"> <li>• Touch functionality makes testing intuitive and comfortable</li> <li>• Easy to carry and transport from place to place due to</li> <li>• lightweight design</li> <li>• Designed with a woman's hand in mind (size)</li> <li>• Designed for a better handgrip</li> <li>• Improved hygiene – no buttons. Easy to wipe clean</li> </ul>	<ul style="list-style-type: none"> <li>• Efficiency</li> </ul>

## Probes and accessories

Angled probe	<ul style="list-style-type: none"> <li>• Secure easy and stable fit in ear canal</li> <li>• Makes testing of babies in baby carriages and auto chairs possible</li> </ul>	<ul style="list-style-type: none"> <li>• Saves time</li> </ul>
New and bigger probe tip	<ul style="list-style-type: none"> <li>• Is easier to handle and doesn't require an acoustic filter</li> <li>• Can't be mounted incorrectly</li> <li>• Easy handling</li> </ul>	<ul style="list-style-type: none"> <li>• Saves money (no acoustic filter)</li> </ul>
New connectors on probes and cables	<ul style="list-style-type: none"> <li>• Lightweight connectors are very easy to mount/demount</li> </ul>	<ul style="list-style-type: none"> <li>• Saves time</li> </ul>



## Cables and accessories

ABR tests with probe and ear couplers	<ul style="list-style-type: none"> <li>Makes testing of more babies possible</li> <li>Ear couplers are advantageous for restless babies</li> <li>Not necessary to always screen with ear couplers</li> <li>Decreased test time possible when using ear couplers instead of probe</li> </ul>	<ul style="list-style-type: none"> <li>Cost efficient</li> <li>Saves time/increased efficiency</li> </ul>
ABR tester	<ul style="list-style-type: none"> <li>Easy quality check of electrode cable and ear coupler cable</li> <li>Ensures that the AccuScreen cables are working properly</li> <li>Ensures device up-time</li> <li>Increases validity in test results</li> </ul>	<ul style="list-style-type: none"> <li>Saves time</li> </ul>
New connectors on cables	<ul style="list-style-type: none"> <li>Lightweight connectors are very easy to mount/demount</li> </ul>	<ul style="list-style-type: none"> <li>Saves time</li> </ul>
Dual density ear couplers	<ul style="list-style-type: none"> <li>Follows the shape of the baby's head</li> <li>Maintains a constant inner volume</li> </ul>	<ul style="list-style-type: none"> <li>Secures better sealing and faster test results</li> <li>More accurate results</li> </ul>

## AccuScreen multipurpose docking station

Docking station	<ul style="list-style-type: none"> <li>Direct charging of battery when docked</li> <li>"Organizes" connection to external hardware: PC and label printer</li> <li>Eliminates loose cables</li> <li>Nicer/small footprint at the screening facility</li> <li>Makes it easy to upload patient lists to the device</li> <li>Makes it easy to download patient data, including test results, comments and risk factors</li> <li>Makes it easy to transfer device settings defined in the AccuLink software to multiple devices</li> <li>No need for taking battery out and having a separate charger</li> <li>Saves space</li> </ul>	<ul style="list-style-type: none"> <li>Saves time</li> <li>Convenient</li> <li>Efficient workflow</li> </ul>
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## AccuLink software

AccuLink PC software - Comprehensive settings menu	<ul style="list-style-type: none"> <li>Makes it easy to manage user profiles</li> <li>Define device settings in the PC software e.g. ensure that only the required tests are performed or only selected users can delete patient data etc.</li> <li>Increase patient safety Security</li> <li>Enhanced governance and management of screening sites</li> </ul>	<ul style="list-style-type: none"> <li>Saves time/resources</li> <li>Security</li> <li>Enhanced governance and management of screening sites</li> </ul>
AccuLink PC software - Deletion management system	<ul style="list-style-type: none"> <li>Makes sure no infants' test results are lost</li> </ul>	<ul style="list-style-type: none"> <li>Increased efficiency</li> </ul>
AccuLink PC software - Optional mandatory fields	<ul style="list-style-type: none"> <li>Allows for customizing patient demographic data setup in the device</li> <li>Makes sure all required patient details are recorded</li> <li>Enhanced governance and management of screening sites</li> </ul>	<ul style="list-style-type: none"> <li>Increased efficiency</li> </ul>

## Carrying case

Customized carrying case	<ul style="list-style-type: none"> <li>Enables the user to transport the unit and accessories safely</li> </ul>	<ul style="list-style-type: none"> <li>Secures the device</li> <li>Highly portable</li> </ul>
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● Hearing Assessment  
 ● Fitting Systems  
 ● Balance Assessment

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