

Introducing the MADSEN Astera

myaudiometer. It's familiar,
and it's so much

More




MADSEN Astera



otometrics

MADSEN • AURICAL • ICS

A woman with brown hair pulled back and blue eyes is looking directly at the camera with a slight smile. She is wearing a white top. In the background, a man in a white lab coat is blurred. A solid blue vertical bar is on the left side of the image. In the bottom right corner, there are three white squares of varying sizes arranged in a small grid.

**"I'm amazed that
I can do so much
more without
changing the way
I work."**

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Possibilities

Clinical audiometry has never been so flexible.

The MADSEN Astera opens up a world of testing possibilities with features and options that let you work the way you want. It's the first clinical audiometer that combines the best of traditional, stand-alone audiometers and the newer PC-based systems. With the Astera, you can choose to operate through the familiar user interface of the Audiometer Control Panel or the PC keyboard or mouse.

The audiometer features a comprehensive test battery that fulfills all your clinical audiometry requirements. To cover the needs of multiple users and various testing scenarios, the Astera can be personalized with the extensive user test functionality, which quickly lets you choose your favorite test settings and sequences. The result is a smoother and faster work process.

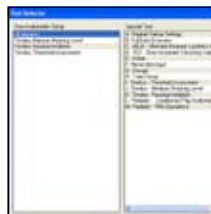
Learn more:

www.myaudiometer.com



Audiometer Control Panel

The full function Audiometer Control Panel can handle all possible testing and allows a smooth transition to a PC based system.



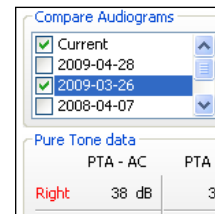
Unique user test possibilities

The user test functionality actively supports the clinical workflow and makes testing seamless and efficient.



Integrated speech material

The integrated speech material significantly improves the testing speed and user comfort while testing.



Interpret and compare audiograms

Compare previous audiograms or specific curves of your choice. You can even view an audiogram from a previous session, while measuring a new one.



“Finally, a true two-channel clinical audiometer that combines the best of two worlds and delivers high performance all the way from testing to storing and sharing results.”

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Power

With its extensive test battery and true two-channel setup, the MADSEN Astera fully qualifies as a clinical audiometer.

The proven technical platform meets all ANSI/ISO standards and the powerful built-in amplifier ensures high performance during sound-field testing. A unique calibration method that ensures sound accuracy for all frequencies up to 20,000 Hz further strengthens the Astera's capabilities.

The Astera also features a familiar, user-friendly interface and a design that adds a modern twist to true traditional audiometry.

In short, the Astera is simply smarter, sleeker and much easier to work with than anything you've ever seen in clinical audiometry.

Learn more:
www.myaudiometer.com



High frequency testing
The Astera has the ability to perform high frequency testing up to 20,000 Hz – which makes it ideal for tinnitus testing and ototoxic monitoring.



A built-in power amplifier
Astera enables you to perform sound field testing without an external power amplifier.



Advanced patient communication
The Astera comes standard with an advanced patient communication system, including a custom-made monitor headset, TF/TB microphones and a talk-to-assistant functionality.



SNR on the speech screen
Astera allows electronic storage of any Signal to Noise Ratio (SNR) regardless of the noise source. Also it facilitates the use of contra lateral masking.



True two-channel clinical audiometer
With an extensive clinical test battery, flexible mixing/routing capabilities, and a true two-channel interface, you get full flexibility and a clear overview while testing.



**"It's so nice that the
Audiometer Control
Panel allows me to keep
my eyes on the child
while testing."**



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Care

When testing, it is important to be in close contact with the patient. The MADSEN Astera's Audiometer Control Panel features a familiar and intuitive layout that lets you focus on the patient without looking at the instrument. The testing process is furthermore supported by a talk-to-assistant functionality, large audiograms and several viewing modes.

In addition to fulfilling all traditional pediatric testing needs, the Astera is also in the lead, when it comes to new testing methods such as using Channel Specific Threshold Storing, FRESH (FREquency Specific Hearing assessment) noise and a fully flexible speaker routing system.

Learn more:

www.myaudiometer.com



FRESH noise

Otometrics introduces a third stimulus that is appropriately calibrated for pediatric testing; FRESH (FREquency Specific Hearing assessment) noise.



Audiometer Control Panel

An ergonomic, impressive design and an intuitive layout, make the Audiometer Control Panel, very user friendly and efficient to use.



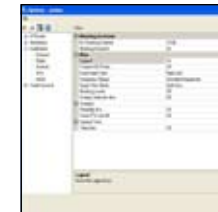
Multiple speaker routing possibilities

You can achieve full flexibility of routing sounds in the testing process. The feature is ideal for behavioral pediatric testing as well as any other aided testing.



Large and clear audiograms

Interpret test data easily and maintain a clear overview while testing.



Customized view options

Astera can easily be adapted to your specific viewing preferences when testing. These preferences can also be implemented in your user tests.

**“The MADSEN Astera
has increased
our productivity and
improved our workflow
– which makes our staff
and our clients happy.”**



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Efficiency

With the MADSEN Astera, no one in your clinic needs to change their habits – although everyone will enjoy greater freedom, flexibility and the ability to do so much more with just one device.

To meet your specific test requirements and user preferences, you can switch between settings with the press of a button. This ensures easy and quick operation, increases the tester's confidence throughout the process, and reduces testing time.

Since the Astera is part of the OTOsuite universe, the audiometric workflow easily integrates with the immittance testing process. This allows you to print a combined report as well as a wide variety of other professional reports. You can also store data electronically and transfer it to third-party systems – making your clinical workflow even more efficient.

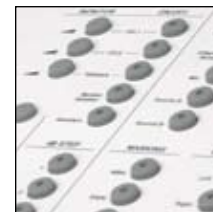
Learn more:
www.myaudiometer.com



Astera is part of the OTOsuite universe
This means a strong integration with other diagnostic and fitting tools – which improves your workflow significantly.




Astera fulfills diverse testing needs
By combining the ability to use the Audiometer Control Panel, a PC keyboard or mouse, the Astera is very efficient when testing – and makes room for individual preferences. This diversity makes the Astera the only audiometer in the industry that can meet all of the audiologist's needs in a busy clinic.



Speed of operation
By using the power of the PC to generate specific user setups and the familiar user interface from the Audiometer Control Panel, the Astera is fast and intuitive to operate.



One-click data logging
By simply clicking a few buttons you can document test findings fast and easy and remove pen and paper from the testing process.



“They say the right tool is half the trick. Given the results we’re seeing, it’s clear we made a smart investment.”

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Features



- High frequency up to 20,000 Hz
- FRESH (FREquency-Specific Hearing assessment) noise
- Extensive user test functionality
- Automatic PTA calculation for Air and Bone
- Integrated word lists (Ask your local distributor)
- Multiple speaker routing
- Built-in power amplifier
- Masking Assistant™
- Comprehensive hot key access from PC keyboard
- Undo/Redo functionality
- One-click data logging
- Channel Specific Threshold Storing
- Combined immittance and audiometry report
- Special tests (MLD, ABLB, SISI, Weber, Rinne, Stenger, Tone Decay, Tinnitus tests)
- Talk-to-assistant functionality
- Phoneme Scoring
- Comparison of audiograms
- High Resolution Audiometry
- and so much more...



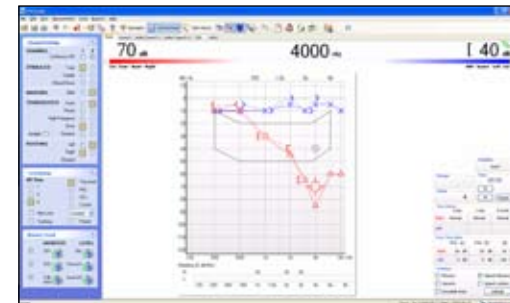
The Audiometer Control Panel allows you full functionality and performance.



The audiometer hardware is small, lightweight and comes standard with a smart cable cover.



Descriptive icons on the back of the hardware make it possible to connect headphones, speakers etc. in the right place.



The software has large and clear audiograms and can easily be adjusted to fit your preferred view settings.

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Benefits

Fast testing

The full function Astera Audiometer Control Panel ensures high speed of operation throughout the testing process.

Familiarity and comfort

The ergonomic and familiar design of the Audiometer Control Panel provides a test setup that you know and trust and makes the testing process extremely comfortable.

Save your favorite user tests

With the Astera, setting up for tests is faster than ever since you can create, save and recall your preferences for the ideal testing scenario at the push of a button.

Ideal for pediatric testing

Features such as multiple speaker routing, FRESH (FREquency Specific Hearing assessment) noise and talk-to-assistant functionality, support the pediatric

testing process. Channel Specific Threshold Storing lets you measure both ears at the same time and yet store the results separately.

Exceptional amplification

The built-in internal power amplifier enables you to perform sound field testing at 90dB HL without an external amplifier – saving your clinic both money and space.

Total routing flexibility

The true two-channel layout of the software and Audiometer Control Panel give testers full routing flexibility making test setup simple and efficient.

The power to do it all

The Astera's full featured clinical test battery gives you the freedom to perform every type of test necessary in a clinical setting.

Uninterrupted communication

A custom-made monitor headset and Talk-forward/Talk-back microphones, and a talk-to-assistant communication system, ensure clear communication throughout the testing process.

Speech testing – your way

Integrated word lists in the speech testing module ensure more efficient testing. With the Astera, you see the words on the PC monitor and can set up the speech testing the way you like, so you can choose to present only certain words, use half lists, score phonemes etc.

Focus on what matters

One-click data logging lets you eliminate pen and paper from the testing process – this means a more efficient workflow, better data

handling and more time with your patients.

Personalize your view settings

The Astera allows you to choose you favorite view settings, including the option of graphical or tabular view of speech results, giving you a good overview while testing.

Save your data anywhere

With the Astera it's possible to save data directly on your PC, in NOAH, or in a third party EMR system.

Fast and easy reporting

Print data on a wide variety of reports, including overlays and a combined immittance and audiometry report. This makes documentation fast and easy – and enables you to easily share data with others.

Small footprint

As if it wasn't small enough already, the audiometer hardware can easily be mounted on the wall, to take up even less space in the clinic.

Enhanced workflow with OTOSuite

Because the Astera audiometer is an integrated part of the OTOSuite universe, it gives you many opportunities to make your workflow more efficient – and even go paperless. OTOSuite combines individual diagnostic and fitting tools in one software and enables you to move seamlessly from one audiometric process to another.

Read more about OTOSuite on www.myaudiometer.com

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Value

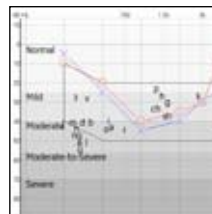
The MADSEN Astera is directly integrated with the fitting process in the OTOsuite universe. This allows you to perform audiometry, fitting, counseling, and verification in a seamless workflow. You can also store, share, and report all data, as well as connect to third-party systems such as NOAH and EMR.

With smart tools for data registration, integrated word lists and more, the Astera makes pen and paper unnecessary throughout

the testing process - so your office can go paperless! It also enables you to choose between different test reports that can, for example, be personalized with your logo.

As the new leader of true clinical audiometry, the Astera gives you excellent value for your money, improves your professional appearance, and takes your work processes to the next level.

Learn more:
www.myaudiometer.com



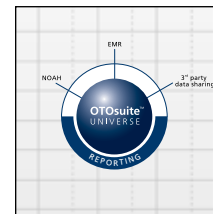
Audiogram overlays
With a wide variety of audiogram overlays the Astera enhances the possibilities for patient counseling.



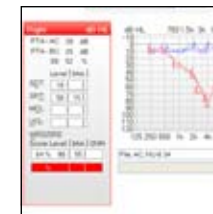
Improved workflow
The clinic's workflow is improved as Astera connects to both counseling and fitting tools in the OTOsuite universe.



Professional reports
Astera offers a wide variety of professional reports, including overlays and a combined immittance-audiometry report.



Connection to third party systems
Data can easily be transferred to third party systems such as NOAH and/or Electronic Medical Records.



SII, PTA, masking assistant etc.
A number of specific functionalities make the testing process fast and convenient, as well as ensuring valid test results.

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Try it

To learn more about the MADSEN Astera
or to book a demonstration go to
www.myaudiometer.com

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