

Unique Features of the MADSEN Astera Clinical Audiometer

Full-Function Audiometry Control Panel: Allows the user to have the best of both worlds: All the power that PC-based audiometry brings to the picture and a user interface with “familiar” navigation.

Fulfills diverse testing needs: By combining the ability to use the Audiometer Control Panel, a PC keyboard or mouse, the Astera makes room for individual preferences when testing.

FRESH (FREquency Specific Hearing assessment) Noise™ and Non-Correlated Noise: Unique stimuli designed to optimize pediatric and aided sound field testing.

Built-in Sound Field Amplifier: Included as standard. Allows for testing to **90dB HL** in a 6' by 6' sound room.

Multiple speaker routing possibilities: With this feature the tester can achieve full flexibility of routing sounds in up to four speakers in the testing process. Ideal for behavioral pediatric testing as well as any aided testing.

Integrated speech material: Included as standard, It significantly improves the testing speed and user while testing.

High Frequency Audiometry: Up to 20kHz. User may choose to view a variety of frequency ranges as they test without manually changes screens.

“You can hear a pin drop”: A patient talk-over/talk-back system offering superior fidelity and sensitivity.

Talk-to-assistant functionality: Communicate with an assistant etc. inside the sound booth.

Audiogram Overlays: Overlays such as the **Speech Banana**, **Unusable Area** and **Severity** facilitates more effective communication with the patient and third party.

Tone Audiogram Reference from the Speech Screen: Allows easy reference of pure tone thresholds to assist with starting level and monitoring consistency of pure tone thresholds and speech results.

Customized “View” and “Measurement” Options: Personalized display and parameter options for one or more users. e.g., 2 graphs versus 1 graph, starting on the speech screen versus the tone screen.

Comprehensive One-Click Data-Logging: Finally: the ability to generate an electronic report without having to type into a “notes” field or handwrite on a printout! Everything from **Signal-to-Noise Ratio** value to **Reliability Index**, **SII** and **PTA**, **WRS/SRS** legend annotation, **Positive or Negative Stenger** results---it's all there!

Built-in Monitor Speaker: ideal for teaching institutions

Unlimited User tests: Unlimited (customizable) User Tests allow the operator to move from one test protocol to the next seamlessly.



myaudiometer.

Masking Assistant™: The threshold symbol flashes when masking is needed. The user may set the “preferred level difference” to determine the need for bone calibration masking.

Pre-Programmed Report Templates: The Astera allows the operator to choose from dozens of pre-designed report templates or create one that is unique creating a professional image for their facility.

Integration with OTOsuite and NOAH Software: The Astera directly interfaces with the OTOflex 100 Middle Ear Analyzer for **combined reporting** via OTOsuite software and with the Aurical Visible Speech system to provide **automatic transfer of the audiogram** for hearing instrument fittings avoiding re-entry of the audiogram and saving valuable time.

EMR Compatibility: Audiometry data may be saved to the PC as a XML or PDF file and exported to electronic medical records allowing physicians to review the data anywhere.

Customized Accessories: Astera comes with a **wall-mounting plate** so the instrument is off your desk and out of the way. A **monitor insert** is standard and may be used for an assistant or parent to monitor the testing. The Astera also **accommodates multiple AC transducers** so you don't have to use correction factors for supra-aural or insert phones. An optional **touch-screen computer** can be used for play-audiometry inside the sound room. Finally, a **table-top speech microphone** and a **monitor speaker** are available for teaching institutions and individuals who do not want to wear a mic/monitor headset.

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and it's so much
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