



Patient-Directed Evaluation

GSI-AMTAS™ is the only patient-directed evaluation tool that uses patented test methods and accuracy algorithms to perform diagnostic or screening audiometry. AMTAS was created to free up the busy clinician and boost efficiency in daily workflow by providing a reliable and accurate way to obtain a basic diagnostic hearing test. AMTAS is different than other automated tests; it provides quality indicators, classification of audiometric findings and clinician and patient reports. Numerous peer-reviewed, comprehensive studies have been conducted to bring proven validity to this reliable method of testing.

User-Friendly Testing

The test is self-paced so patients may proceed at a rate that is comfortable for them. The test is simple and easy to use. The on-screen instructions are clear and concise. Feedback is provided to the patient that helps them distinguish between test tones and other auditory sensations.

Available in Two Versions

AMTAS is available in two versions: AMTAS Pro and AMTAS Flex offer options to meet the needs of the clinician's work environment.

AMTAS Pro

AMTAS Pro connects to a GSI audiometer, either the GSI AudioStar Pro™ or GSI Pello™. This version offers diagnostic and screening testing for air and bone conduction with masking and speech SRT, WRS with masking. This test typically takes 15-20 minutes to complete and provides nine quality indicators and two reporting options for interpretation.

AMTAS Flex

AMTAS Flex is a stand-alone test that uses a tablet with no audiometer required. This version offers screening and diagnostic air conduction audiometry. The screening test typically takes 1-2 minutes to complete. The diagnostic test provides up to six quality indicators and two reporting options: interpret and counseling. Diagnostic testing obtains threshold data and takes 10-15 minutes to complete.

Technical Specifications

Air Conduction Diagnostic Frequencies: 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz

Bone Conduction Diagnostic Frequencies: 500, 1000, 2000, 4000 Hz

Air Diagnostic Level Range: -20 to 100 dB HL

Bone Diagnostic Level Range: -20 to 75 dB HL (frequency dependent)

Masking: Narrow band noise, speech noise

Air Conduction Screening Frequencies: 500, 1000, 2000, 4000 Hz

Air Conduction Screening Level: 20 or 25 dB HL

Speech Testing: Speech Recognition Threshold (SRT), Word Recognition Score (WRS)

AMTAS Pro and AMTAS Flex Comparison

	AMTAS Pro	AMTAS Flex
Air Conduction Diagnostic	✓	✓
Air Conduction Screening	✓	✓
Masking	✓	✓
Bone Conduction Diagnostic	✓	
Speech SRT	✓	
Speech WRS	✓	
Add on to AudioStar Pro and Pello	✓	Stand Alone
VA Quasar Integration	✓	
dB HL Range	-20 to 100	10 to 80
Quality Indicators	Comprehensive	Screening: No, Diagnostic: Yes
Audiogram Classification	Comprehensive	Yes
Device Screen Size	22 inch	10-12 inch