



GSI 39™

PURE TONE & TYMPANOMETRY SCREENER



FEATURE	BENEFIT	EXAMPLE
Multiple Configurations - Tympanometer (226 Hz or 226 Hz and 1000 Hz), Ipsi and Contra Reflex Screening, Screening Audiometer	Instrument can be purchased in 10 configurations to accommodate a variety of testing needs	Patients from birth to geriatric can quickly be assessed for middle ear function, neural integrity and audiologic function.
Automated Audiometry	Greater effectiveness and efficiency through automation of a patient directed hearing screening	The examiner can configure the instrument to perform a patient directed audiologic screening evaluation or a more thorough threshold evaluation based on testing needs.
Three Test Stimuli (Steady, Pulsed, FM)	Provides a wide variety of stimuli to accommodate all screening environments	In a school screening environment, the operator is able to test a distracted child with a variety of interesting test stimuli. In an industrial screening environment, the operator can present a signal that allows the patient to distinguish the signal from “ringing” in the ear.
Full Frequency and Intensity range for air conduction testing	Able to conduct complete air conduction evaluation for all levels of hearing loss	Unlike other screeners with frequency and intensity limitations, the operator can achieve thresholds from 125 Hz – 8000 Hz and 0-100 dB.
Holds Calibration for two transducers	Flexibility to switch between headphones and insert phones	The examiner can switch between preferred transducers — environmental noise control, infection control, etc., without making calibration adjustments or scheduling service call.
Audiometric results print in Audiogram or Tabular format	Option to print based on examiner preferences — ease of interpretation	Printing in tabular format allows non-audiology trained personnel easy viewing/interpretation of patient results.
ASHA normative box for 226 Hz probe tone, Margolis, et. al percentile areas for 1000 Hz probe tone	Patient data can be immediately assessed against norms — the examiner can quickly determine whether or not the patient needs further diagnostic evaluation	While testing, any medical professional can compare patient data to normative data. Normative data curves print with patient data making interpretation easy for referring physician.

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Internal Printer or USB connection to External Printer	Provide flexibility for printing needs	When using the instrument, the examiner can print results with the internal printer or the option to print a standard 8 ½ x 11 report via the external printer.
EMR/EHR Compatible	Reduces costs associated with scanning of tympanogram and audiogram; immediate access to tympanometric and audiometric data in the EMR/EHR; improves workflow	From the GSI 39, a single button press allows transfer of tympanometric and audiologic data into a compatible electronic solution.
Extended Data Storage	Twelve memory banks for data storage saves time	When testing challenging patients, it is easy for the examiner to rotate to next data storage location without deleting previous incomplete data files.
Auto-Start Tympanometry for 1000 Hz Probe	Tympanogram automatically begins recording as soon as ear canal sealed with probe tip	For small babies, the examiner may need both hands to work with a baby so having auto start frees interface with equipment or need for additional assistance.
Ipsilateral and Contralateral Reflexes for both probe tones	For 226 Hz probe tone, Ipsilateral and Contralateral reflex testing for 500, 1000, 2000, 4000 Hertz; For 1000 Hz probe tone, Ipsilateral and Contralateral reflex testing for 500, 2000, 4000 Hz	With the recent changes in the tympanometry CPT coding, the instrument fulfills required testing for tympanogram, (4)ipsilateral and (4)contralateral reflexes for patients above 6 months of age.
Multiple print options for Reflex Results	View results with tracings and HL values or dB HL values only or Yes/No response	The examiner, from audiologist to school nurse, can view results in preferred format.



Setting The Clinical Standard