

Viola

Middle Ear Analyzer / Audiometer




Orchestral perfection
A full line of Audiology Equipment

- Automatic tympanometry
- Ipsi/Contra acoustic reflex test
- Pure tone audiometry in AC and BC
- Speech audiometry and QuickSIN™ (Plus version)



— Viola is a combo unit that integrates a screening middle ear analyzer offering ultra fast and reliable tympanometry and reflex tests with a diagnostic audiometer capable of performing threshold and speech examinations in AC and BC. Small footprint, complete features set, great reliability and ease of use make Viola the perfect choice for professionals on the move and for installations where space is at a premium.

THE MODELS

Viola has a very small footprint, just 2 kg of weight that allows to carry the entire diagnostic station in a small suitcase. Viola is available in two models: Basic and Plus. The following table is an overview of the tests available on each version.

	BASIC	PLUS
Automatic tympanometry	Yes	Yes
Automatic acoustic reflex thresholds	Yes (Ipsi / Contra)	Yes (Ipsi / Contra)
Reflex test with fixed intensity	Yes (Ipsi / Contra)	Yes (Ipsi / Contra)
Reflex test with increasing intensity	Yes (Ipsi / Contra)	Yes (Ipsi / Contra)
Quick tests (tymp. + reflex tests)	Yes (2 tests)	Yes (2 tests)
Acoustic reflex decay	No	Yes (Ipsi / Contra)
Pure tone audiometry	Yes	Yes
Speech audiometry	No	Yes

EMBEDDED SPEECH MATERIAL

No more external player headaches! Viola Plus features an integrated flash memory for storing your speech material. The screen displays the word currently being pronounced.

TECHNICAL DATA

ADMITTANCE MEASUREMENT SYSTEM

Probe tone: 226 Hz @ 85 dB SPL
 Compl. range: 0.2 to 8.0 ml
 Press. range: From -600 to +400 daPa

TYMPANOMETRY

Type of test: Automatic tympanometry
 Press. change: 50,100,200,300daPa/sec,AUTO(100-300daPa/sec)

ACOUSTIC REFLEX

Stimulation: Ipsi and contralateral
 Available tests: Autothreshold, fixed intensity, growing intensity, Reflex decay (only Plus)
 Automatic tests: Quick A and B (seq. of tympanometry and reflex)

AUDIOMETRY

Output: AC, BC and Speech (only Plus)
 Masking: NBN, WN, SN (only Plus)
 Freq. range: 125-8000 Hz
 Max. intensity: AC: 120 dB HL
 BC: 80 dB HL
 Speech inp. (Plus): ... EXT1, EXT2, MIC, internal flash memory
 Speech tests (Plus): .. WRS, SRT, MCL, UCL
 Additional tests: QuickSIN™ (opt.)
 Talk over: Built-in or external microphone
 Talk back: Only Plus model

DEVICE SPECIFICATIONS

Display type: Color graphical
 Display size/res: 4.3" / 480 x 272 pixels
 Printer: Built-in thermal printer (opt.)
 Language: Multilingual interface
 PC interface: USB (driverless)
 Compatible sw: Inventis Maestro or Noah with dedicated module
 Dimensions: 32 x 32 x 9 cm
 12.6 x 12.6 x 3.5 in (DxWxH)
 Weight: without printer 2.15 kg / 4.74 lbs
 with printer 2.50 kg / 5.51 lbs

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