

ESPIRIO

Middle-Ear Analyzer



MIDDLE EAR ANALYZER

ESPIRIO is HORENTEK®'s Middle Ear Analyzer for clinical and screening evaluations of middle ear impairments. ESPIRIO is portable and trustworthy PC based machine, features a high-performance automatic pump system, maintenance free for a quickly and reliable test with high resolution of tympanograms peaks and acoustic reflex thresholds, with easy screens transition.

ESPIRIO performs Automatic Tympanometry, Manual Tympanometry, Automatic Ipsilateral and Contralateral Acoustic Reflex Thresholds, Reflex Decay Test and Eustachian Tube Function test with intact and perforated eardrums. ESPIRIO can be connected to a PC via USB cable in order to transfer data and for printing exams result.

TECHNICAL DATA

Probe Tone	85dB SPL @ 226Hz
Pressure Range	from -600daPa to +300daPa
Tymanometry	Automatic
Pressure Speed	50, 100, 300daPa/sec
Test Type	Automatic Threshold Tone Decay Test
Reflex Stimulations	Ipsilateral e Contralateral
Acoustic Reflex Stimulation	500Hz, 1kHz, 2kHz, 4kHz
Maximum Intensity of Stimuli	105 dB HL (Ipsi) 105 dB HL (Contra)
ETF	Intact or perforated ear drum