

## ESPIRIO

Middle Ear Analyzer



Tympanometry, Ipsilateral and Contralateral Acoustic Reflex Thresholds, Reflex Decay Test, ETF test Intact and Perforated eardrums

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## 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
TYMPANOMETRY TEST TYPE	Automatic & Manual
TYMPANOMETRY PRESSURES	50, 100, 300daPa/sec
REFLEX TEST TYPE	Auto-threshold Selectable Max. Stimuli Intensity Reflex Decay
REFLEX STIMULATION	Ipsilateral and Contralateral
ACOUSTIC REFLEX STIMULI	500Hz, 1kHz, 2kHz, 4kHz
REFLEX STIMULI MAX INTENSITY	110dB HL (Ipsi) 110dB HL (Contra)
ETF	Intact and Perforated eardrums