

Technical Data touchTymp MI 36

TYMPANOMETRY

Probe Frequency	226 Hz, 85 dB SPL 678 Hz, 72 dB SPL 800 Hz, 70.5 dB SPL
Optional High Frequency	1000 Hz, 69 dB SPL
Pressure Range	- 600 to + 400 daPa
Volume Range	0.0 ml to 6.0 ml (compensated)
Compliance Range	0.1 ml to 8.0 ml at 226 Hz 0.1 to 15.0 mmho at 678, 800 and 1000 Hz
Test Time	3 - 5 seconds
Features	RaceCar, YBG components, Compensated and uncompensated

ACOUSTIC REFLEXES

Test Frequencies	500, 1000, 2000, 4000 Hz
Test Noise	BB, LP, HP
Test Methods	Ipsilateral, contralateral
Level Ipsilateral	70 dB HL to 105 dB HL
Level Contralateral	70 dB HL to 120 dB HL
Level Setting	Automatic, fixed
Features	RaceCar, AGC ipsilateral, Steady and pulse signal

REFLEX DECAY

Standard	Probe frequency 226 Hz
Test Frequencies	500, 1000, 2000, 4000 Hz
Test Noise	BB, LP, HP
Level Ipsilateral	70 dB HL to 105 dB HL
Level Contralateral	70 dB HL to 120 dB HL

EUSTACHIAN TUBE FUNCTION

Test Methods	Intact and perforated
Pressure Range	-600 to +400 daPa

AUDIOMETRY

Test Signals	Pure tone and warble tone (steady and pulse)
Test Frequencies	125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz (125 Hz excluded from bone conduction test frequencies)
Level Steps	5 or 1 dB
Hearing Level Range AC	-10 dB HL to 120 dB HL
Hearing Level Range BC	-10 dB HL to 80 dB HL

Masking Noise

Narrow band and white noise

DEVICE GENERAL

Display	10.4" Graphic LED-Display with resistive touch screen
PC Interface	USB
Probe	Lightweight diagnostic shoulder box with built-in control light and switch
Printer	Fast 4" thermal printer
Power Supply	Mains 100 to 240 V~, 50 - 60 Hz
Dimensions	W x D x H: 30 cm x 34.5 cm x 14.8 cm
Weight	3.2 kg
Languages	English, Chinese, French, German, Italian, Polish, Russian, Swedish, Spanish, Turkish

STANDARDS

Tympanometer	IEC 60645-5, Type 2
Audiometer	IEC 60645-1, Type 3
Safety	IEC 60601-1, Class I, Type B
Applied Parts	IEC 60601-1-2
EMC	IEC 60645-5, Type 2
Tympanometer	Class IIa according to Medical Device Regulation (EU) 2017/745
CE 0123	

Specifications are subject to change without notice.