

Middle ear analyzer DM20



SUPERIORITY

- 1** Tympanogram test, Complete/perforated eustachian tube functional test
- 2** Sound reflection test, Acoustic reflection attenuation test, Acoustic reflex latency test
- 3** Quick test: Two user-defined quick tests can be generated, with the test time $\leq 60s$
- 4** With the "Live View" feature, you can see a panoramic view of the test in progress on your computer screen
- 5** Color touch screen + touch button with working mode

Technical parameters

Probe tone	226Hz (85dB SPL) 678Hz、800Hz、1000Hz (Optional)
Measuring range	Tympanogram: 0.2cm ³ ~5cm ³ Tympanum compensation diagram: 0cm ³ ~2cm ³
Total hamornical distortion	Less-than 1% [226Hz (85dB SPL)] Stimulation level reach 110dB,no more than ±5% (Probe type earphone)
Auto test	Quick testA、 B (Tympanogram & Acoustic reflection sequence)
Pressure range	-600 to +400 daPa
Pump pressure velocity Automatic range	15、 50、 100、 200、 300、 400、 600 daPa/s 200 ~ 600 daPa/sec
Pump control	Auto and manual
Tympanogram	Test mode: Acoustic admittance(Y), Acoustic susceptance(B), Acoustic conductance(G) Large pressure: -600 ~ +400 daPa
Eustachian tube	Testing of intact tympanic membrane and Eustachian tube Testing of perforated tympanic membranes and Eustachian tubes
Acoustic reflex	Test mode: Fixed strength, Automatic threshold, Increasing strength, Manual Maximum permissible error: No more than ±1% Acoustic attenuation test Acoustic reflex latency test(ARLT)
Stimulus	Ipsilateral , contralateral Stimulation level 500Hz~2000Hz Auditory sensation area 50dB~100dB Stimulation level 4000Hz Auditory sensation area 50dB~80dB BBN (Broadband noise) LPN (Lowpass noise) HPN (High-pass noise) Max sound intensity: Ipsilateral 110dB HL, Contralateral 120dB HL