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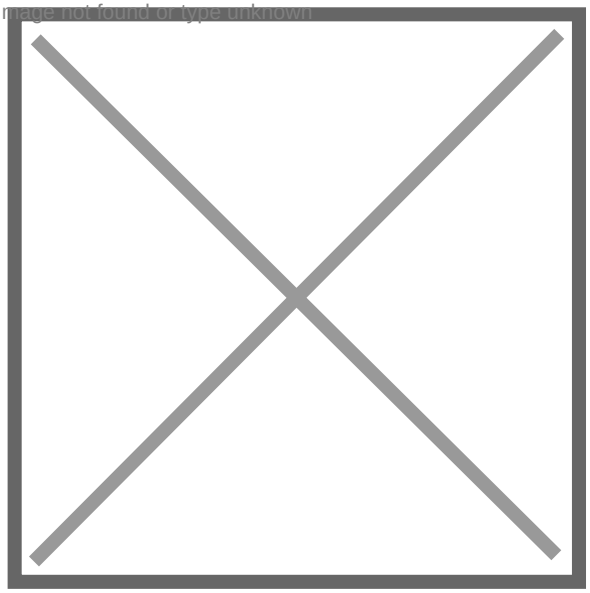
Product Name :

Digital Audiometer

Product Code :

SCL282 /046

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Description :

Digital Audiometer (Product Code: SCL282 /046) is a pure-tone and speech audiometer used to measure hearing levels in hospital ENT and audiology departments. Audiologists and ENT staff use it to test from 250 to 8000 Hz with an attenuator running from -10 to 120 dB, click-free throughout the range, in a unit weighing 1.7 kg. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as one of the test and measurement instruments in India it offers to hospitals.

Specifications

Parameter	Detail
Usage	Hospital
Weight	1.7 kg
Screen	155 × 16 mm with LED backlight
Attenuator range	-10 to 120 dB in steps, with Range Extender function
Operation	Fully click-free over the entire range
Frequency range	250–8000 Hz
Air conduction maximum	120 dB HL at 500–6000 Hz; 110 dB at 250 Hz; 100 dB at 8000 Hz
Further hearing level range listed	70 dB HL at 500–4000 Hz; 60 dB at 250 Hz
Masking	Wide band
Speech audiometry	Stimulus via microphone or tape/CD
Tone	Continuous or pulsed; pulsing rate 1.5 Hz
Special tests	Tone decay test; speech test (pulse counter display)
Product code	SCL282 /046
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Digital Audiometer Used For?

Pure-tone audiometry finds the quietest sound a person can hear at each test frequency. The tester presents tones between 250 and 8000 Hz, raises or lowers the level with the attenuator and records where the patient responds, building an audiogram for each ear. Wide band masking keeps the non-test ear occupied, and the click-free switching means the patient responds to the tone itself rather than to switching noise.

For speech audiometry, the examiner feeds speech through a microphone or from tape or CD, while the tone decay test shows whether a steady tone fades for the listener over time. Pulsed tones at 1.5 Hz [illegible] room [illegible] en sessi[illegible]