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Product Name :

Binaural Stethoscope Complete

Product Code :

SLE/MDE/02



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Description :

Binaural Stethoscope Complete (Product Code: SLE/MDE/02) is a mechanical acoustic stethoscope used to listen to heart and lung sounds during physical examination in hospitals, clinics and clinical-skills teaching rooms. Its double-cup chest piece carries an adult diaphragm of 43–47 mm and a paediatric diaphragm of 28–36 mm, so one instrument covers both patient groups, and it is latex-free. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a supplier of scientific & laboratory instruments.

Specifications

Parameter	Detail
Type	Binaural mechanical stethoscope for heart and lung auscultation
Construction	Listening head with membrane, connected by a split “Y” tube to the headgear with ear pieces
Arms	Stainless steel or chrome brass
Ear pieces	Removable, plastic
Chest piece	Double cup, dual-use (adult and paediatric auscultation), stainless steel or chrome-plated brass
Adult diaphragm	43–47 mm
Paediatric diaphragm	28–36 mm
Y tube	Treated rubber or PVC, 8–11 mm diameter
Sensitivity, lung sounds (pneumology)	8.1 dB in the range 600–1,500 Hz
Sensitivity, heart sounds (cardiology)	3.2 dB to 26 dB in the range 50–1000 Hz
Latex	Latex-free
Product code	SLE/MDE/02
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Binaural Stethoscope Used For?

Doctors, nurses and paramedics use a binaural stethoscope for auscultation: listening through both ears to heart valves and breath sounds and, together with a blood pressure cuff, to the Korotkoff sounds of a manual blood pressure reading. The two sensitivity bands quoted for this model, one for lung (pneumology) sounds and one for heart (cardiology) sounds, reflect the different frequency ranges of those examinations.

Use the larger adult diaphragm on grown patients and turn to the smaller paediatric side for childr
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