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Product Name :

Tuning Fork on Resonance Box

Product Code :

SLE/PHY/315



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Description :

Tuning Fork on Resonance Box (Product Code: SLE/PHY/315) is a set of four steel tuningforks mounted on a wooden resonance box, used to demonstrate how single notes build a basicmajor chord in school and college sound lessons. Teachers sound C (256Hz), E (320Hz), G(384Hz) and upper C (512Hz) one by one or together, making it a compact physics demonstrationkit for a whole class. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Fork material	Steel
Number of forks	Four, mounted on one wooden box
Frequencies	C (256Hz), E (320Hz), G (384Hz), C (512Hz)
Intended demonstration	Formation of basic major chords
Product code	SLE/PHY/315
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Tuning Fork Resonance Box Used For?

The four forks are tuned to the notes of a C major chord plus its octave. Their frequencies stand in the simple ratio 4:5:6:8, so students can hear why notes whose frequencies form small whole-number ratios sound pleasant together, and why the top C at 512Hz, exactly double 256Hz, sounds like the same note one octave higher. The wooden box acts as a resonator, reinforcing the vibration so the notes carry across a classroom.

In a sound wave experiment, strike one fork at a time with a soft rubber striker, then add the others to build the chord step by step. Touch a prong lightly to stop a note before sounding the next. Never strike the steel forks on a bench or with metal, as this can damage the prongs and shift the pitch.

What to Specify When Ordering

- Confirm that the four-fork chord arrangement (256Hz, 320Hz, 384Hz and 512Hz) suits your lesson plan.
- Number of units needed — one for the demonstration bench, or several for group work.
- Whether a striker should be quoted separately, since the listing covers the forks and box only.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equip ox are m India, deal direct s.

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