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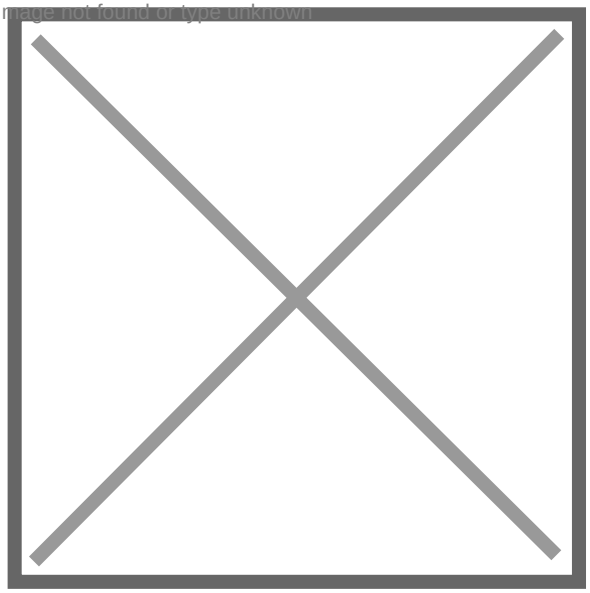
Product Name :

Tuning Fork Set

Product Code :

SCL-294/045

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Description :

Tuning Fork Set (Product Code: SCL-294/045) is a set of eight tuning forks of different frequencies used to produce steady reference tones for sound and resonance experiments in school and college physics labs. The forks span 256 Hz to 512 Hz, exactly one octave, and are made of chrome-plated steel with high tensile strength, which makes it a practical tuning fork set for India's school and college sonometer and resonance tube work. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Number of forks	8, each of a different frequency
Frequency range	256 Hz to 512 Hz
Material	Steel, chrome plated (C.P.)
Strength	High tensile strength
Storage	Pouch
Product code	SCL-294/045
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Tuning Fork Set Used For?

A set of forks at different frequencies lets students repeat one experiment at several known frequencies and look for the pattern. On a sonometer, each fork is matched to a vibrating length of wire to show that frequency and resonating length are inversely related; in a resonance tube, forks of different frequencies give different resonance lengths from which the speed of sound in air is worked out. Because the set runs from 256 Hz to 512 Hz, the lowest and highest forks also demonstrate an octave, where one frequency is exactly double the other.

Strike each fork on a rubber pad, never on the bench or another hard object, since knocks can damage the plating and shift the frequency. Hold it by the stem, keep fingers off the prongs while it sounds, and press the stem firmly on the sonometer board when transferring vibrations. Return each fork to the pouch after the practical so the set stays complete.

What to Specify When Ordering

- Number of Tuning Fork Sets, typically one per practical station
- Whether particular individual frequencies are required by your practical scheme (ask us for the eight values in the set)
- Whether a rubber pad for striking the forks should be quoted with each set

OEM Manufacturer

Jain EM (origi factor ork

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