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Product Name :

Tuning Fork Set, Aluminium

Product Code :

SLE/PHY/313



Science Lab
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Description :

Tuning Fork Set, Aluminium (Product Code: SLE/PHY/313) is a boxed set of eight aluminium tuning forks used as known-frequency sound sources for resonance and sonometer experiments in school and college physics labs. The forks cover one octave, from C at 256 Hz to C at 512 Hz, and each has a plain shank with its frequency in hertz marked on it. This tuning fork set for school physics in India 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 (one of each frequency)
Frequencies	C 256 Hz, D 288 Hz, E 320 Hz, F 341 Hz, G 384 Hz, A 426 Hz, B 480 Hz, C 512 Hz
Material	Aluminium
Shank	Plain
Marking	Frequency in hertz marked on each fork
Packing	Boxed set
Product code	SLE/PHY/313
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Aluminium Tuning Fork Set Used For?

The classic use is the resonance tube experiment for the speed of sound. Strike a fork on a rubber pad, hold it over the open end of an air column and adjust the water level until the sound swells to its loudest. Repeating this with all eight forks gives a set of resonant lengths that students can plot against the reciprocal of frequency to find the speed of sound.

The set also makes the physics of music concrete. The two C forks, at 256 Hz and 512 Hz, show that an octave is a doubling of frequency, while the forks in between step through a musical scale. Always strike the forks on a rubber pad rather than the bench, hold them by the plain shank, and return them to the box so the marked frequencies stay easy to read.

What to Specify When Ordering

- The number of boxed sets, for example one per practical bench.
- Aluminium (this set) or the steel set, which has the same eight frequencies.
- Whether rubber pads, a resonance tube or a sonometer should be quoted with the forks.

OEM Manufacturer

The T ed, which r this s a, India

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