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Product Name :

Tuning Fork Set, Steel

Product Code :

SLE/PHY/314



Science Lab
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Description :

Tuning Fork Set, Steel (Product Code: SLE/PHY/314) is a boxed set of eight steel tuning forks used as reference sound sources for sonometer, resonance and pitch experiments in physics laboratories. The plain-shank forks run from C 256 Hz to C 512 Hz in eight steps, and every fork carries its frequency marking. Suited to sonometer work in Indian school and college labs, it is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of physics lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Material	Steel
Set size	Boxed set of 8
Contents	One each of C (256 Hz), D (288 Hz), E (320 Hz), F (341 Hz), G (384 Hz), A (426 Hz), B (480 Hz), C (512 Hz)
Shank	Plain
Marking	Frequency marked on each fork
Product code	SLE/PHY/314
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Steel Tuning Fork Set Used For?

On a sonometer, students place a vibrating fork stem on the sounding board and move the bridge until a small paper rider on the wire jumps off, showing that the wire length is in resonance with the fork. Doing this for each of the eight forks gives a table of frequency against resonant length. The results show that frequency is inversely proportional to length, which is the first law of vibrating strings.

The forks also let a class compare pitch across a full octave and relate each note to a number. Keep the forks in their box between lessons, strike them only on a rubber pad, and avoid dropping them, because a bent prong can change the note a fork gives.

What to Specify When Ordering

- How many boxed steel sets you need.
- Whether you prefer steel (this set) or the aluminium set with the same frequencies.
- Any sonometers, rubber pads or resonance apparatus to include in the same quotation.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of the Tuning Fork Set, Steel. The set is produced at the company's own l d it reach ts factor

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