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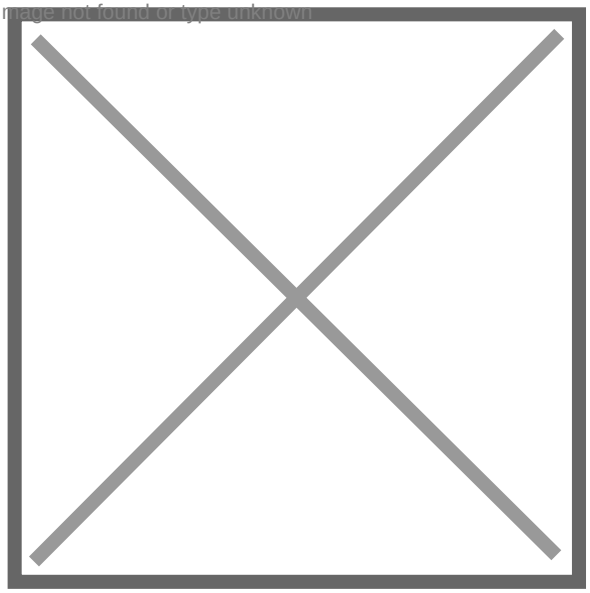
Product Name :

Ripple Tank – Premium Model

Product Code :

SLE/PHY/127

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Description :

Ripple Tank – Premium Model (Product Code: SLE/PHY/127) is a projection-type ripple tank used to display wave propagation phenomena on a screen for whole-class demonstrations of the general properties of waves. Its frequency is set from 30 Hz to 100 Hz in 0.01 steps, and a 12V, 5A DC power supply is included, with everything housed in a lightweight aluminium case. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of school physics lab equipment in India.

Specifications

Parameter	Detail
Display method	Wave propagation phenomena projected onto a screen
Frequency	30 Hz to 100 Hz in 0.01 steps
Power supply	12V, 5A DC, included
Housing	Lightweight aluminium case
Documentation	Manual with teacher's notes and experiments
Product code	SLE/PHY/127
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Premium Ripple Tank Used For?

Projecting the waves onto a screen means the whole class sees the same enlarged pattern at once, which is why this model suits lecture rooms and large demonstration benches. Teachers use it to show reflection, refraction, diffraction and interference in turn, following the experiments set out in the manual that accompanies the tank.

The fine frequency control, in 0.01 steps between 30 Hz and 100 Hz, lets you hold a pattern steady or change the wavelength gradually while students take notes. Darken the room for the sharpest projection and allow a moment after each frequency change for the pattern to settle. For a physics demonstration kit on waves, set-up stays simple because the power supply travels in the same case.

Supplier

ScienceLab is the brand of Jain Scientific Equipments Private Limited, which supplies this Premium Model ripple tank from Ambala, Haryana, India. The company sources the tank, together with its included power supply and manual, for schools, colleges, training institutes, dealers and importers, and quotes single units or additional tanks on request. Questions about the manual or about matching an earlier supply can be sent to us directly. See our company profile for background.

Related Physics Lab Equipment

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