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Product Name :

Ripple Tank

Product Code :

SLE/PHY/121



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Description :

Ripple Tank (Product Code: SLE/PHY/121) is an economy ripple tank system used to show how water waves reflect, refract, diffract and interfere in school physics laboratories. Teachers choose it for its tough moulded frame, a 405 x 405 mm internal tank whose sloping sides minimise noise, and a 12V halogen lamp that lights the wave patterns clearly on the large transparent viewing surface. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
System type	Economy ripple tank system
Frame	Tough moulded frame with a large transparent viewing surface
Tank internal dimensions	405 x 405 mm
Tank external dimensions	420 x 420 mm
Tank sides	Sloping, to minimise noise
Light source	12V halogen lamp on a lamp unit with adjustable arm
Wave generator	Ripple motor with eccentric cam mounted on the ripple bar
Power supply	Not included
Product code	SLE/PHY/121
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

The Ripple Tank system comes complete with:

- Ripple tank
- Ripple motor, eccentric cam mounted on ripple bar
- 4 push-fit legs
- 3 support pillars for supporting the light source and rippler bar
- 2 motor support springs
- Lamp unit with adjustable arm
- 2 rippler bar hanging hooks
- Curved reflector
- 2 barriers
- Roller bar
- Hand stroboscope
- Concave perspex plate
- Rectangular perspex plate

What Is the Ripple Tank Used For?

A ripple tank turns wave behaviour into something a class can see. With a shallow layer of water in the tank and a light source, the tank and its components make the wave patterns visible. The light source makes the moving patterns visible.

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