

**Description:**

A demonstration apparatus for **viewing and projecting wave motions** and studying wave phenomena such as **reflection, refraction, diffraction, and interference**. The unit is designed for classroom and laboratory experiments in wave physics.

Technical Features:

- **Construction:** Wooden or plastic tray with a **plate glass base** and four detachable legs.
- **Dimensions:** Approx. 600 × 500 × 55 mm.
- **Support System:** Fitted with support rods to carry the wave-generating mechanism
- **Projection:** Wave shadows projected onto a screen placed on the floor beneath the tank for clear visibility.

Accessories Supplied:

- **Wave Dippers:** Spherical dippers for circular wave generation.
- **Obstacles:** Set of straight, curved, and trapezoidal obstacles for diffraction and reflection studies.
- **Illuminant:** Dedicated illuminant with bulb for ripple visualization.
- **Stroboscope:** Hand-operated stroboscope for analyzing wave motion.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Applications:

- Demonstration of fundamental wave phenomena.
- Classroom experiments in physics and wave mechanics.
- Visualization of wave interference, diffraction, and reflection.

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