1. Optika Ripple Tank

Optika ripple tank is simple to assemble, easy to use, produces reliable and repeatable results, and has excellent visual resolution of the wave front.

The stroboscopic lamp is fitted with an extra-bright 3W LED, which is synchronised with the surface-wave generator. The control unit is equipped with a digital display and allows to set or to stop the synchronism of the vibrator with the lamp, the modulation of wave amplitude and its frequency. The vibrator is electro-dynamic type. The tank is provided with two adjustable feet and with an easy-to-use drain pipe ending with a tap.

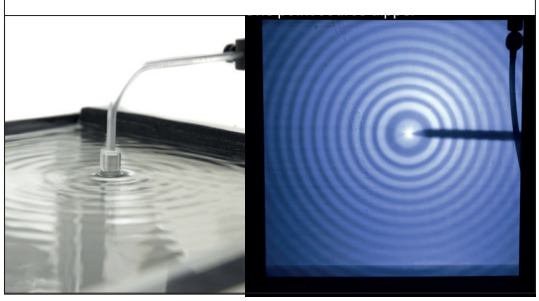
Some experiments that can be carried out:

- Superficial waves on water
- Wavefront
- Wavelength
- Propagation speed
- Reflection
- Refraction
- Interference
- Stationary waves
- Diffraction
- Huygens principle

Code	Pack	Price
EDU2128	Each	£622.17

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2. Lascells Ripple Tank MkIII

This compact unit provides an elegant method of demonstrating the wave phenomena of reflection, diffraction, refraction and interference with none of the setting-up problems usually associated with ripple tanks.

The unit is completely self-contained with the translucent viewing screen hinging away to reveal a 12cm water tank. The tank is removable for ease of use and has an integral multi-faceted beach which virtually eliminates unwanted reflections.

Illumination is from a high intensity built-in LED which can be automatically strobed in sync with the waves to give perfectly stationary images, or switched to allow the user independent control of the wave and strobe frequencies giving the impression of wave motion across the viewing screen.

The unit is supplied with three robust dippers which can be easily adjusted to suit the depth of water being used. A selection of barriers, shapes and lenses are also provided to enable reflection, refraction, diffraction and interference along with the focusing properties of lenses to be demonstrated. All of the accessories can be stored neatly inside the unit when not in use.

- Dimensions: L x W x H, 225 × 170 × 143mm
- Weight: 1.07kg
- Input voltage: regulated 12V DC +pin
- Current requirement: 400mA
- Strobe frequency range: 30–500Hz nominal

Code	Description	Pack	Price
★ PY3098	Ripple tank MkIII	Each	£151.55
PY3099	Frequency counter for ripple tank	Each	£19.91

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