

HIGH QUALITY RIPPLE TANK

Reference : WA-9899



"Mechanical excitation" electromagnetic vibrator

Built-in LED wave and strobe generator

- Large viewing screen
 - Quiet operation
 - Diffraction, reflection and refraction accessories included
 - Can be fully dismantled
 - Storage box
- Common applications:
- Visualisation of a wave
 - Reflection, refraction, diffraction
 - Superposition of waves
 - Propagation rate
 - Depth variation

The "wave generator" box has several functions: it controls the frequency of the vibrations on the

water (from 1 to 50 Hz, with digital display), the stroboscope frequency, the depth at which the excitation takes place as well as the phase shift during a 2-point excitation.

The ripple tank is composed of:

- 1 tank with removable feet
 - 1 projection mirror
 - 1 screen
 - 1 wave generator
 - 1 LED strobe
 - 1 litre container
 - 1 pipette
 - 1 graduated ruler
 - 1 drainage hose (30 cm)
 - 4 diffraction barriers
 - 3 refraction accessories
 - 1 reflection accessory
 - Tip for flat wave
 - Circular wave tips
 - Storage box
- Technical characteristics:
- Depth of water: 1 cm
 - Surface: 34 x 34 cm
 - Screen: 35.6 x 38.8 cm
 - Mirror: 49.8 x 38.8 cm
 - Stroboscope stand:
 - Generator frequency: from 1 to 50 Hz with a resolution of 0.1 Hz
 - Digital display of frequency or phase shift
 - Power supply: 15 VDC to 1.5 A with switch