Product name:	Product code:
Reynolds Number Apparatus	CMI-NP-0303



Description

An apparatus that shows laminar, transitional and turbulent flow by injecting dye into a pipe. Used in fluid mechanics labs. Features include glass flow tube, dye injection and constant head tank.

Technical specification

Measuring tank	10 litres
Frame	Steel
Supply	Water and 230 V AC

Standard Accessories

- Dye
- Stopwatch

Dye is injected into water flowing in a glass tube, and the flow pattern shows the regime. Discharge is measured to compute the Reynolds number.

Features

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- Glass flow tube
- Dye injection
- Constant head tank
- Flow control valve
- Measuring tank

Technical Specifications

Tube	Glass 15 mm bore
Length	Approx. 800 mm
Tank	Overhead 30 litres
Dye	Potassium permanganate
Flow	Variable