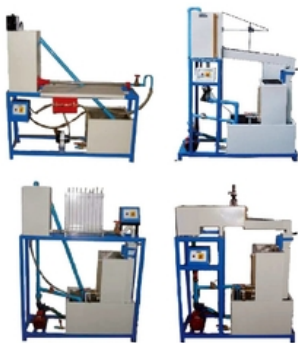


Darcy's Law Apparatus



Product Categories: [Engineering Equipment](#), [Hydraulic Lab](#)

Product Page: <https://www.labappara.com/product/darcys-law-apparatus/>

Product Description

Darcy's Law Apparatus

Description:

The set-up consists of a cylindrical test section filled with porous medium. Pressure tappings are provided in the test section to measure the pressure drop with the help of differential manometer. Present set-up is self-contained water re-circulating unit, provided with a sump tank and a centrifugal pump etc. Flow control valve and bypass valve are fitted in water line to conduct the experiment on different flow rates. Flow rate of water is measured with the help of measuring tank and stop watch.

TECHNICAL DETAILS:

Cylinder: Material Acrylic. Dia. 200 mm (approx).

Height: 200mm approx

Water Circulation: FHP Pump, Crompton make.

Flow Measurement: Using Rota meter.

Sump Tank: Made of Stainless Steel, Compatible capacity.

Control Panel Comprises of: Standard make On/Off Switch, Mains Indicator, etc.

Instruction Manual : An ENGLISH instruction manual will be provided along with the Apparatus

The whole set-up is well designed and arranged in a good quality painted structure

Control panel:

Standard make on/off switch, Mains Indicator.