

Venturimeter, Orifice Meter & Rota meter Test Ring



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

Product Page:

<https://www.labappara.com/product/venturimeter-orifice-meter-test-ring/>

Product Description

Venturimeter, Orifice Meter & Rota meter Test Ring

Technical Description:

The apparatus consists of three pipelines emerging out from a common manifold. One pipe line contain a Venturimeter, second contains an Orifice and third pipe line contains a Rota meter. The pressure tapings from the Venturimeter and Orifice meter are taken to differential manometer to measure pressure difference. The Venturimeter, Orifice meter and Rota meter are connected in parallel and any one of them can be put in operation by operating valves provided at the downstream. Present set-up is self-contained water re-circulating unit, provided with a sump tank and a centrifugal pump. Flow control valve and by-pass 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 & stop watch.

TECHNICAL SPECIFICATION:

Venturimeter: Material Clear Acrylic compatible to 1" Dia. Pipe.

Orifice meter: Orifice plate made of Stainless Steel and housing made of Clear

Acrylic compatible to 1" Dia. Pipe.

Rota meter: Compatible Range, Standard makes

Water Circulation: FHP Pump, Standard makes

Flow Measurement: Using Measuring Tank (Capacity 25 ltrs.) and Electronic Stop Watch.

Sump Tank: Capacity 50 Ltrs.

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

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

Tanks will be made of Stainless Steel.

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

Control Panel:

Standard make on/off switch, Mains Indicator etc.

Instruction Manual consisting of experimental procedures, block diagram etc.