

Bend Meter Test Rig



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

Product Page: <https://www.labappara.com/product/bend-meter-test-rig/>

Product Description

Bend Meter Test Rig

Description:

the apparatus consists of a pipeline that contains one bend meter. Pressure between tappings across test section can be measured by pressure sensor. Present set-up is self-contained water re-circulating unit, provided with a sump tank and a centrifugal pump etc. 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 by flow sensor. The present set-up has a facility to interface the system with computer which enables to log the experimental data using computer. The educational software and data-logging package has been developed for unit. This software is compatible to interfacing unit designed by superb technologies. This software package provides a comprehensive educational software environment within which the investigations can be performed. This software is capable to tabulate the sample readings according to the requirement of experiment under study and results obtained can be compared. The real time data acquisition can be done by interfacing the set-up with computer using software. Software allows the user to have control on data logging, printing the stored data, preparing spread

sheets in excel.

Technical details:

Bend meter : Material Stainless steel Compatible to 1,Dia. Pipe.

Water Circulation : FHP Pump, Standard make

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

Sump Tank : Capacity 50 Ltrs. (approx.)

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 Tanks will be made of Stainless Steel.

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