



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

Phone: +91-8759245890

Product Name :

Friction Loss In Pipe

Product Code :

SLE/EFM/09



Description :

- Static pressure tapings upstream and downstream of the test pipe connect to a water manometer or a hand-held digital pressure meter.
- The back panel holds the manometer with calibrated scales.
- The water manometer includes an air valve and hand-pump.
- The pressure meter measures higher pressures in the turbulent flow region.
- The hand-pump adjusts the datum of the water manometer.
- A precision needle valve downstream of the test pipe accurately controls flow rate.
- The water manometer measures lower differential pressures in the laminar and lower turbulent flow regions.
- To perform experiments, students stand the apparatus on the hydraulic bench and fit the Header Tank.
- For low flow rate experiments, the Header Tank supplies the test pipe.

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Website: <https://thelabequipment.com>, **Email:** sales@thelabequipment.com

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010