

Email :
sales@schooleducationalinstruments.com
Phone: +91-0171-2601773

Product Name :
Fluid Friction Measurements

Product Code :
SCHOOL-FUD810013



Description :

Fluid Friction Measurements

Technical Specification :

Investigation of pressure losses

Three long pipe sections made of copper and steel with different diameters

Easy pressure measurement via annular chambers

Pressure and differential pressure measurement with 8 tube manometers, Bourdon tube pressure gauge and electronic differential pressure sensor

Flow measurement via Rota meter and volumetric measuring tank

Pipe section with pipe bends

Pipe section with sudden contraction and enlargement

Pipe section with interchangeable fittings with different opening characteristics: needle valve, shut-off valve, ball valve

Determination of the pressure curve along the measuring section with up to 8 pressure measuring points

Closed water circuit with tank and submersible pump

Stainless steel tank

-4 smoothbore pipes of different diameters ranging from 4.5mm I.D. to 17.2mm I.D.

38 tapping points

Artificially roughened pipe

90° bends (large & small radii)

90° elbow

90° mitre

45° elbow, 45° Y, 90° T

Ball valve

Inline strainer

Sudden enlargement

Sudden contraction

Gate valve

Globe valve

Perspex Venturi

Perspex orifice meter

Perspex pipe section with a Pitot tube & static tapping

NAUGRA[®]

School Educational Instruments

Website: [www.https://www.schooleducationalinstruments.com/](https://www.schooleducationalinstruments.com/), **Email:** sales@schooleducationalinstruments.com

Address: Ambala Cantt, Haryana, India **Phone:** 91-0171-2643080