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Product Name :
Energy Losses In Bends Apparatus

Product Code :
LBNY-0005-103000281



Description :

The equipment is mounted on a free-standing framework which supports the test pipe work and instrumentation. These tappings are connected to a bank of twelve water manometer tubes, mounted on the framework. The following typical pipe fittings are incorporated for study: mitre bend, 90o elbow, sweep bends contraction and sudden enlargement. Pressurization of the manometers is facilitated by a hand pump. All are instrumented with upstream and downstream pressure tapping. A gate valve is used to control the flow rate. A separate gate valve is instrumented with upstream and downstream pressure tappings which are connected to a differential gauge on the edge of the framework.

Technical Specification :

Circuit with four bends of different radii
Hand pump for pressurization of manometers
Quick release fitting for easy connection to hydraulics bench
Enlargement, contraction and gate valve, plus control valve
Manometer board with 12 tubes plus differential pressure gauge.



Laboratory Instrument India

