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Product Name :
Secondary Loss Of Load

Product Code :
LBNY-0005-10300075



Description :

Secondary Loss Of Load equipment is suitable for the study of losses and it includes straight sections of piping for the study of primary loss that could occur in the system. All pressure connections have double sealed quick couplings; the system includes also a differential water manometer and a digital differential pressure gauge for measuring the resulting pressure. The equipment includes also other elements such as elbows of different diameters 90 and 45, tees, widening, narrowing, various types of valves (as ball, gate, membrane, backstop) with pressure taps upstream and downstream arranged in order to determine loss load produced with different flow rates.

Technical Specification :

Performable Experiments:

Measuring the secondary load losses that can occur in elements such as elbows, tees, and valves, widening, etc.

Calculating K coefficients of loss corresponding to the elements mentioned above.

Measuring the primary load losses that can occur in a straight PVC pipe with inner diameter 21.2 mm.

Testing the relation between load losses and the fluid velocity in the pipe.

Use of different types of gauges:

Electronic differential.

Water column.



Laboratory Instrument India