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Product Name :
Air Flow Experimental Plant

Product Code :
LBNY-0005-103000218



Description :

Experiments from the field of steady incompressible flow
Radial fan infinitely variable via frequency converter
Pitot tube in the free jet, 3-dimensional adjustable
Different measuring objects: orifice plate, nozzle, iris diaphragm, pipe fittings
16 tube manometers for displaying the pressures
Horizontal measuring section
Pitot tube within the pipe section, vertically adjustable at 3 positions.

Technical Specification :

Technical Data:

External Pitot tube in the free jet, 3-dimensional adjustable
Vertical: -80...120mm
Horizontal: -140...140mm
Inner diameter: 2mm
Internal Pitot tube, sliding
Inner diameter: 1,1mm
Vertical: -40...40mm
20 pressure measuring points
Radial fan
Max. flow rate: 22m/min
Max. motor power: 550W
Max. differential pressure: 0,73kPa

16 tube manometers

Max. resolution 1Pa

Resolution 1-fold, 2-fold, 5-fold and 10-fold

Orifice plate/nozzle, diameter: 50mm

Iris diaphragm, diameter: 40...75mm

3 pipe fittings.



Laboratory Instrument India