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Product Name :
Wind Tunnel For Visualisation Of Streamlines

Product Code :
LBNY-0005-103000204



Description :

Visualisation of streamlines flowing around and through different models
Low-turbulence flow through stabilisation chamber with flow straightener
Scale for displaying the angle of attack
Distributor with nozzles for injecting the fog
Four different models, angle of attack at aerofoil and guide vane profile adjustable
Open wind tunnel with radial fan and a fog generator
Operation with non-toxic and water-soluble fog fluid
Illuminated experimental section with sight window and black background.

Technical Specification :

Technical Data:

Experimental section
Cross-section: 252x42mm
Transparent area: 252x252mm
Aerofoil pivotable by 360 Models
Cylinder: diameter: 60mm, height: 24,5mm
Guide vane profile: 20x24,5x100mm
Orifice plate: 2x 25x24,5x10mm
Aerofoil: 15X24,5x100mm
Orifice opening: 10mm
Radial fan
Max. pressure difference: 300Pa

Max. volumetric air flow rate: 480m/h
Fog generator
Power consumption: 700W.



Laboratory Instrument India