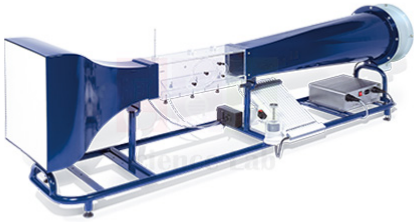
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Subsonic Wind Tunnel

Product Code :

SLE/MCE/36



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Subsonic Wind Tunnel (Product Code: SLE/MCE/36) is a low-speed, draw-through wind tunnel used to measure lift, drag and pressure distribution on test models in aerodynamics and fluid mechanics laboratories. Engineering colleges and polytechnics choose it for its transparent 150 x 150 mm working section, a 9.4:1 contraction ratio and computer-controlled air flow, making it a practical piece of engineering lab equipment for student groups. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Working section	Square, nominally 150 x 150 mm (6 in nominal), length 455 mm; transparent for visibility
Air flow	Computer controlled; air drawn through the working section by a variable-speed fan at the discharge end
Inlet	Honeycomb flow straightener
Contraction ratio	9.4:1
Pressure measurement	0–160 mm H2O; 16 channels 0–178 mm H2O (differential)
Lift force	3.4 N at model
Drag force	3.4 N at model
Model inclination	±45°
Tube	Length 320 mm; inclination 30°
Cylinder	Diameter 30 mm; tapping spacing 20°
Throat section	Throat width 100 mm; upstream/downstream width 150 mm
Chord length / thickness	61.5 mm / 9.2 mm
Large models	50 mm
Golf ball and small sphere	43 mm
Power	220–240 V, 1 phase, 50 Hz, 10 A
Dimensions	2200 x 600 x 700 mm
Weight	220 kg
Product code	SLE/MCE/36
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

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