

Product Name :
Subsonic Wind Tunnel**Product Code :**
EEMECH45M0050ALTEC™**Description :**

Subsonic Wind Tunnel

Technical Specification :

- Computer controlled air flow.
- 150mm (6" nominal) square working section.
- Transparent working section for visibility.
- Wide range of models for both aerodynamics and air flow studies.
- Air is drawn through the working section by a variable speed fan at the discharge end of the tunnel.
- A honeycomb flow straightener is incorporated at the inlet, and a 9.4:1 contraction ratio ensure airflow through the working section.
- Square test section, nominally: 150 x 150mm,length 455 mm
- Tube length: 320mm
- Inclination: 30°
- Cylinder diameter: 30mm

- Tapping spacing: 20°
- Throat width: 100mm
- Upstream/downstream width: 150mm
- Power: 220-240V/1/Phase, 50Hz, 10Amps
- Dimension: 2200-x600 x 700 mm
- Measurement range: 0-160 mm H₂O, 16 channels 0-178 mm H₂O (differential)
- Lift force: 3.4N at model
- Drag force: 3.4N at model
- Inclination: +/- 45°
- Cord length: 61.5mm
- Thickness: 9.2mm
- Large models: 50mm
- Weight: 220kg
- Golf ball and small sphere: 43mm



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