

**Product Name :**

Subsonic Wind Tunnel

**Product Code :**

SLE/MCE/36



## Description :

### Features:

- 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.

### Specification:

- **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 H<sub>2</sub>O, 16 channels 0-178 mm H<sub>2</sub>O (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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