



THE LAB EQUIPMENT

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Product Name :

Flow Visualisation Wind Tunnel

Product Code :

SLE/EA/03



Description :

- A vertical, suction-type wind tunnel with smoke visualisation.
- Allows demonstrations and student investigations into the flow of air around a wide variety of differently shaped models.
- A variable-speed fan mounted on top of the wind tunnel produces the air flow through the working section.
- Students can move the comb from side to side to aid investigations into the aerodynamic properties of a test model.
- A smoke generator connects to a comb mounted in the wind tunnel below the working section.
- Smoke is produced by the vapourisation of a high-quality food-grade oil.
- The front wall of the working section of the wind tunnel is transparent and removable.
- This enables users to easily and quickly attach the optional models to the back of the working section.
- Lamps illuminate the working section from both sides to improve the visibility of the smoke.
- The wind tunnel is held on a metal frame fitted with castors for mobility.
- A control unit on the frame contains the controls for the fan speed.
- A filter helps provide uniform air flow.
- The smoke is non toxic. Air flow is vertically upwards.

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