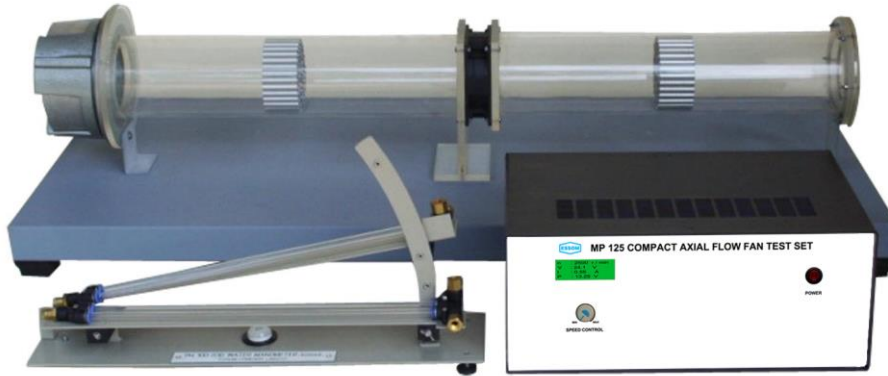


MP 125 COMPACT AXIAL FLOW FAN TEST SET

GENERAL DESCRIPTION

This is a bench top unit for a studying of axial flow fan characteristics.

The unit consists of a small axial flow fan with DC motor on a steel base, a speed control switch, inlet and outlet ducts, and measuring instruments.



TEST CAPABILITIES

- Flow rate vs pressure
- Fan input, output and overall efficiency.
- Effect of speed on fan performance.

TECHNICAL DATA

- Fan
 - Rated maximum flow rate : 2.5 m³/min.
 - Rated maximum pressure : 0.10 kPa.
- Speed control : Motor input voltage.
- Inlet duct : Transparent, with flow straighteners and inlet orifice.
- Outlet duct : Transparent, with flow straighteners and damper.
- Measuring instruments
 - Air flow : Inlet orifice with inclined water manometer.
 - Differential pressure across fan : Twin inclined water manometers (one for air flow rate), 0-450 mm x 1 mm graduation, multiple slope 1:10, 1:5, 1:2 and 1:1.
 - Temperature : Thermometer.
 - Atmospheric pressure : Barometer.
 - Sensors with digital display : Motor input power.
: Fan speed
- Power supply : 220 V 1 Ph 50 Hz. Other power supply is available on request.

Net (unpacked) shipping dimensions WxLxH : 57 x 122 x 33 cm
Net weight : Approx. 35 kg.