

**MODEL NO.  
FMC-31**

# OPEN CIRCUIT SUBSONIC WIND TUNNEL

ENGINEERING

EME



## Technical Specification:

Type	: Open type
Working test section area	: $30 \times 30 \text{ cm}^2$
Length of test section	: 1.0 m
Overall length	: 7 Meter Long
Max air velocity	: Up to 30 m/sec
Flow generation	: By axial flow fan of suitable capacity to give a velocity of 25m/sec.
Flow regulation	: By Variac

## Accessories:

- (i) Aerofoil model with pressure taps
- (ii) Cylinder with suitable pressure tappings having provision to vary the angle.
- (iii) Digital 2 component force measurement transducers to determine lift/drag.
- (iv) Sphere model of 50 mm size.
- (v) Hemisphere model of 50 mm size.
- (vi) Flat plate of 50 mm size.
- (viii) Pitot Tube
- (ix) Inclined manometer.
- (x) Flat plate for boundary layer.
- (xi) Multi-tube manometer.

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## ENGINEERING MODELS & EQUIPMENT

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**AN ISO 9001:2000 & 14001:2004 COMPANY**