

WIND TUNNEL 0.6 MACH (TEST SECTION : 50*50cm)

RW 241

Description:

Wind tunnel is a channel which passes air through in high velocity and can be used for investigating aerodynamics. In some units the air flow velocity can be raised up to 10 times the speed of sound. In wind tunnels the parameters which are obtained from the test model can lead engineers to find same parameters about real objects. This unit is a subsonic wind tunnel composed of inlet channel, nozzle, test section, diffuser and fan. This unit is also equipped with honeycomb located at the inlet for generating uniform flow.

Specifications:

- Continuous performance with open circuit
- Subsonic and incompressible flow (Mach number from 0.02 to 0.6)
- Working fluid: Air
- All measuring equipment is calibrated for air properties
- Equipped with jet fan and inverter system
- Designed for installing alpha mechanism
- Equipped with pressure control system
- Dimensions of test section is 50*50 cm
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Performing various compressible experiment about flying objects
2. Investigating different model behavior due to subsonic air flow
3. Investigating effect of compressibility versus incompressibility

Required For Operation:

- 3-Phase 25 A Electricity
- Desirable Temperature (°C): 10-50
- Relative Humidity: 15%-50%

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Dimensions (L*W*H) mm:15000x 1500 x 2000

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