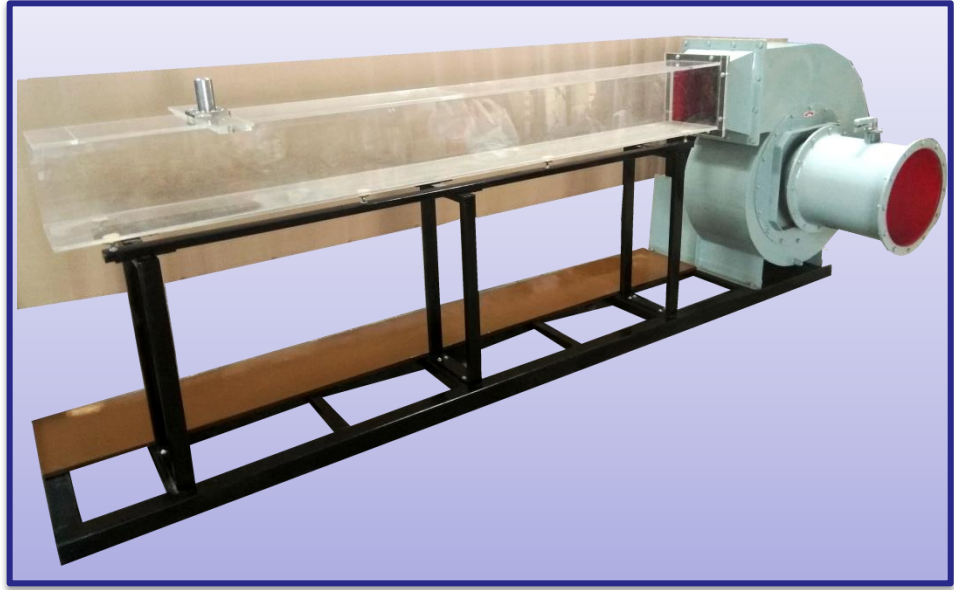


ANEMOMETER CALIBRATION TEST RIG

MODEL CAL.ANE

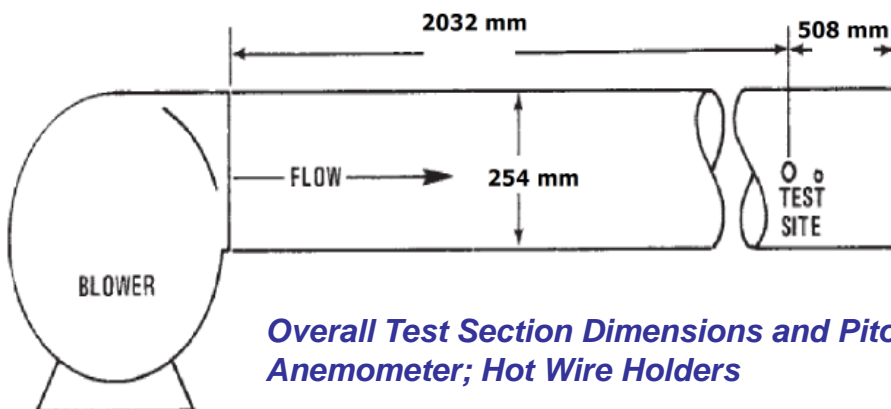


Anemometer Calibration test Rig is suitable for wide variety of velocity meter like vane-type; pitot L type; Pitot S type; Hot Wire probes etc.

Holders can be customized according to requirement with traverse arrangement across the length and height of section. Wind velocity can be varied precisely using VFD Motor controller. Alternatively a manual flap can vary velocity by controlling intake air volume. Rigid platform with standing base ensures ease of use. Perspex section provides great visualization of the wind and meters.

Mini Wind Calibrators can be used for upto 15 m/s and higher models can achieve upto 35 m/s.

Rig follows **ASTM D3796** Test Standard and is suitable for Laboratory use in Industrial; Academic as well as Research Purposes.



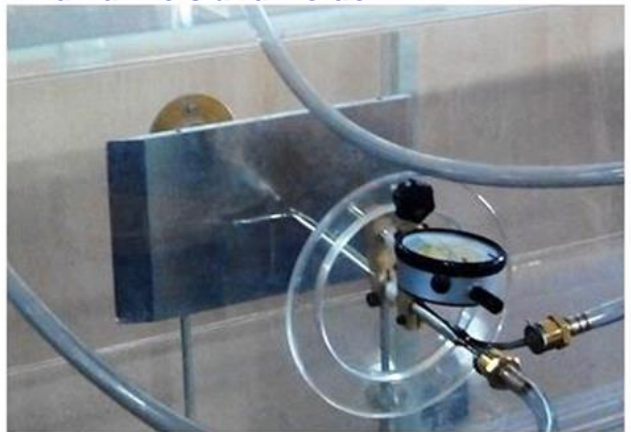
Specifications:

1. PERSPEX TEST SECTION with Wind Velocities from 0-25 m/s
2. RECTANGULAR DUCT: 254 x 254 mm (10" x 10")
3. LENGTH: 2540 mm
4. Removable housing for Mounting Pitot Tube / Hot Wire or Anemometer Holding : 2 Nos. for standard and test tube
5. AIR BLOWER SPECIFICATIONS
 - TYPE : CENTRIFUGAL
 - CAPACITY : 9100 M3/HR. (Calculated based on 30% Loss Basis)
 - PRESSURE : 50 MM WG
 - BLOWER SPEED : 2880 RPM
 - MOTOR RECOMMENDED : 5 HP X 1440 RPM
 - DRIVE : IMPELLER MOUNTED ON MOTOR SHAFT
 - MOC HOUSING : MS HEAVY DUTY WELDED CONSTRUCTION HAVING SUFFICIENT STIFFENERS.
 - INLET / OUTLET WILL BE IN FLANGED CONNECTION.
 - IMPELLER : FABRICATED FROM MS HEAVY DUTY REVETED CONSTRUCTION.
 - DULY DYNAMICALLY BALANCED AS PER ISO 1940-1973 (E) CLASS G 6.3.
 - STAND: MS HEAVY DUTY WELDED TO THE HOUSING FOR MOUNTING MOTOR.
6. CONTROL PANNEL
 - VFD Drive for Motor speed control
 - MCB
 - LED INDICATOR
7. Detailed Technical Manual and On-site Training
8. OVERALL DIMENSIONS: 3700 x 1300 x 1300 mm

Other Configurations For Wind Tunnels and Holder



Open Jet Tunnels Rectangular Section with Traverse



Micro-Pitot Holder for Boundary Layer Investigations



Sub-Sonic Wind Tunnel

Contacts:

Works: