

THREE-COMPONENT BALANCE (EXTERNAL)

RW 126

Description:

Wind tunnel testing is a powerful tool aiding engineers to expedite the design process, allowing to understand the true nature of aerodynamic loads. In many cases however, without a proper instrumentation and data acquisition system, it becomes useless. One of the key measuring systems in wind tunnel testing is the multicomponent force and moment measurement instrumentation.

Specifications:

- Measuring drag and lift forces and pitching moment
- Three Load cells for measuring force magnitude
- Equipped with mechanism for changing attack angle
- Equipped with calibration devices
- Angle meter
- Specified software for data logging
- 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:

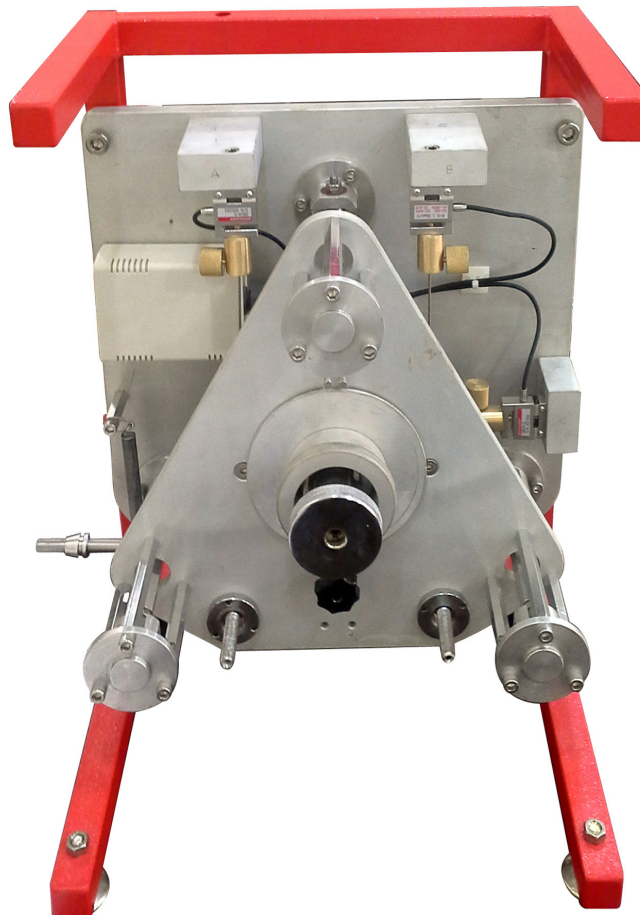
1. Measuring forces exerted on the test model
2. Finding load changes vs. time
3. Calculating drag coefficient
4. Effect of angle of attack and air velocity on applied force magnitude

Required For Operation:

- 220 v Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

THREE-COMPONENT BALANCE (EXTERNAL)

RW 126



Dimensions (L*W*H) mm:400x 300 x 500

www.radmansanatco.com