

THREE-COMPONENT BALANCE (INTERNAL)

RW 240

Description:

Internal balances are tools for measuring the forces and torques applied to the model installed in the wind tunnel. This balance is directly attached to the model. At various points, the strain gauges are mounted for measuring applied forces. Static balances are used to measure static forces. This balance consists of 3 components including drag, lift forces and pitching moment.

Specifications:

- Measuring three force components applied on model
- Power supply
- Load cells for measuring force magnitude
- Equipped with calibration devices
- Specified software for data logging
- Amplification board
- 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 applied forces on the test model
2. Effect of angle of attack and air velocity on applied force magnitude
3. The effect of speed on force components

Required For Operation:

- 220 v Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 50%

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

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