

Product Name :
Aerodynamics Trainer

Product Code :
TK854



Description :

Aerodynamics Trainer

Technical Specification :

Aerodynamics experiments in the fields of flow around, incident flow and flow through models, as well as further experiments in the field of steady incompressible flow. vertical measuring section with flow straightener and nozzle radial fan infinitely variable via frequency converter thermometer for measuring air temperature accessory securely attached and quick release fasteners 16 tube manometers for displaying pressures inclination of tube manometers up to max. 1/10 accessories for the field of flow around bodies: boundary layers, drag forces, Coanda effect, visualization of streamlines) accessories for the field of steady incompressible flow: Bernoulli's principle, flow in a pipe elbow, free jets. Technical data: Radial fan Power consumption: 0,37kW max. volumetric flow rate: 15m³/min Nozzle exit cross-section: 50x100mm max. flow velocity at the nozzle exit: 40m/s Measuring ranges: Temperature: 1x 0...60°C Manometer: 16x 0...370mmWC, resolution: max. 1Pa Inclination: 1:1, 1:2, 1:5, 1:10 230V, 50Hz, 1 phase 230V, 60Hz, 1 phase 120V, 60Hz, 1 phase UL/CSA Dimensions and weight: L x W x H: 1880x800x1900mm Weight: 220kg

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