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HM 170 Open wind tunnel

Order code: **5201.07017000**

Information about product price on demand

Parameters

Quantitative unit	ks

GUNT HM 170

Open Wind Tunnel is designed for experiments in aerodynamics and fluid mechanics with an Eiffel-type wind tunnel.

It features a wide range of accessories, a transparent, closed measuring section, and inlet contour, nozzle, and diffuser made of GRP.

The unit includes a variable-speed fan motor for energy-efficient operation and a flow straightener to reduce turbulence.

Key features:

- Inclined tube manometer for air velocity display
- Electronic two-component force sensor for measuring drag and lift forces
- Digital display of drag and lift on the measuring amplifier

- Optional data acquisition system (HM 170.60) for displaying velocity, forces, moment, displacement/angle, and differential pressure.

Technical Data & Specifications

- **Measuring Section**:
  - Flow cross-section WxH: 292x292mm
  - Length: 420mm
  - Wind velocity: 1.3...25m/s
- **Axial Fan**:
  - Power consumption: 3.4kW

Measuring Ranges

- **Lift force**: ±4N
- **Drag force**: ±4N
- **Velocity**: 1.3...25m/s
- **Angle**: ±180°

Power Supply

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase
- 230V, 60Hz, 3 phases
- UL/CSA optional

Dimensions & Weight

- **LxWxH**: 2870x890x1540mm
- **Weight**: ~250kg