HM170 Open wind tunnel

GUNT offers an “Eiffel” type open wind tunnel as a classic experimental plant in the field of flow around bodies. The flow medium of air is brought up to the desired velocity by a fan and flows around the model being studied in a measuring section. Additional experiments, such as investigation of the boundary layer or pressure distribution of drag bodies immersed in a flow are available as options.

Measuring lift and drag forces as a function of the angle of attack of an aerofoil with flap and slot.

Training at the HM170 Open wind tunnel at the Technical College for Aeronautical Engineering in Hamburg (Germany)

Measuring lift and drag forces on the streamlined body with the two-component force sensor.

Measuring lift and drag forces and moment on the aerofoil drag body with the three-component force sensor HM170.4D.

Pressure distribution on an aerofoil immersed in a flow.

HM170 Open wind tunnel at the Technical College for Aeronautical Engineering in Hamburg (Germany)