GUNT Wind Line

Energy generation from wind power

Aerodynamics

HM 226
Wind tunnel for visualisation of streamlines

HM 170
Open wind tunnel

HM 170.05
Drag body square plate

HM 170.09
Lift body aerofoil NACA 0015

HM 170.22
Pressure distribution on an aerofoil NACA 0015

ET 210
Fundamentals of wind power plants

- compact unit, experiments can be carried out without additional accessories
- adjustment of rotor blade and yaw angle

HM 170.70
Wind power plant with rotor blade adjustment

- accessory for HM 170
- rotor blades adjustment angle adjustable via servo motor

ET 220.10
Control unit for wind power plant ET 220.01

ET 220.01
Wind power plant

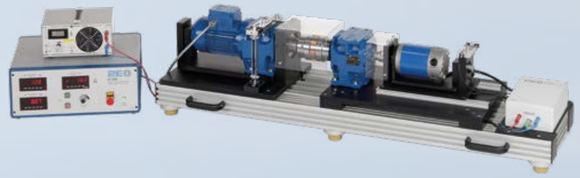
ET 220
Energy conversion in a wind power plant

- practical experiments in laboratory scale
- defined experimental conditions independent of weather conditions
- with ET 220.01 and ET 220.10 operation under real weather conditions possible

Plant control

ET 222
Wind power drive train

- low-speed electric motor simulates wind rotor
- generator with adjustable electrical load



ET 224
Operating behaviour of wind turbines

- low speed drive unit simulates wind rotor
- GUNT measurement and simulation software with control function for electronic load

Simulation mode

Gear technology

AT 200
Determination of gear efficiency

GL 210
Dynamic behaviour of multistage spur gears

GL 212
Dynamic behaviour of multistage planetary gears

Machine monitoring

PT 500
Machinery diagnostic system, base unit

PT 500.11
Crack detection in rotating shaft kit

PT 500.12
Roller bearing faults kit

PT 500.15
Damage to gears kit

PT 500.19
Electromechanical vibrations kit

Professional training – made in Germany

SGS TÜV SAAR ISO 9001

Our quality management system has been certified since 1998.

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