Equipment for engineering education

A complete training course for positive displacement machines and turbomachines

GUNT-Labline fluid energy machines

Your easy start in a complex topic

HM 280
Radial fan

HM 292
Radial compressor

HM 282
Axial fan

Fans and compressors

HM 283
Centrifugal pump

HM 285
Piston pump

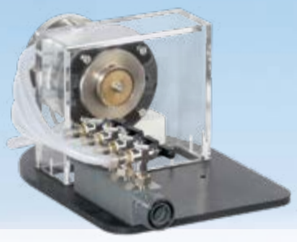
HM 284 Series and parallel connected pumps

HM 286
Gear pump

Centrifugal and displacement pumps

HM 290 Base unit and
HM 288 Reaction turbine

HM 289
Pelton turbine



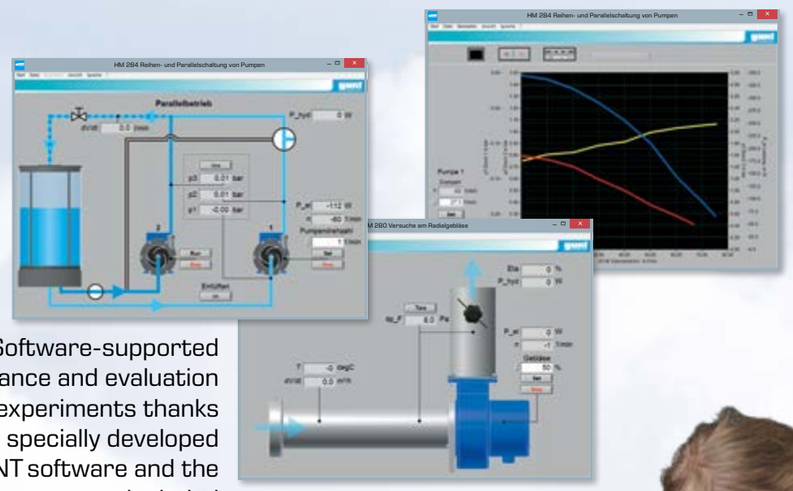
HM 291
Action turbine

HM 287
Axial turbine

Hydraulic turbines

Extensive experimental range:

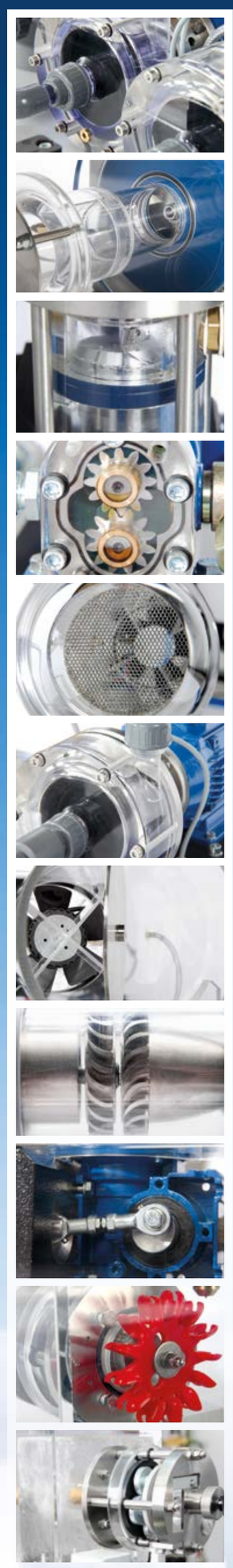
- recording typical characteristics
- measurement of mechanical, electrical and hydraulic power output respectively power consumption
- determination of the efficiency
- effect of speed on pressure and flow rate
- advantages and disadvantages of the different types of fluid energy machines
- recording of a p,V diagram
- effect of impeller form and impeller rotation direction
- occurence of cavitation
- function of an air vessel



Software-supported performance and evaluation of the experiments thanks to the specially developed GUNT software and the microprocessor included in our equipment.

Compact
Transparent
Computer-aided

Hardware, software and instructional material in optimised consistency: guarantee for effective and successful learning



Professional training – made in Germany

SGS TÜV SAAR ISO 9001 Our quality management system has been certified since 1998.

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