

HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3 Company ID: 25 96 39 61, VAT: CZ 25963961

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ET 810 Steam power plant with steam engine

Order code: **5201.06181000**



Information about product price on demand

Parameters

Quantitative unit ks

GUNT ET 810

Demonstrates the operation of a steam power plant with a single-cylinder piston steam engine.

The system includes a gas-fired boiler for steam generation, a water-cooled condenser, and a DC generator powering light bulbs as electrical consumers.

The unit is equipped with sensors and a display for monitoring temperature, pressure, flow rate, voltage, and current.

A safety valve and temperature monitoring ensure safe operation.

Technical Data & Specifications

- Steam Engine:
 - o Power: max. 5W
 - Speed: max. 1200min⁻¹
 - o Cylinder diameter: Ø 20mm
- Generator:
 - DC motor: max. 3.18W at 6000min⁻¹
- Gas-Fired Boiler:
 - o Safety valve: 4bar
 - Gas connection: 3/8"L (propane or butane)

Measuring Ranges

- Temperature: 8x -20...200°C
- Pressure: 0...6bar
- Flow rate:
 - Gas: 0...110L/hWater: 15...105L/h
- Voltage: 0...10VDCCurrent: 0...250mA

Power Supply

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase
- 120V, 60Hz, 1 phase

Dimensions & Weight

- LxWxH: 1700x810x1440mm
- Weight: ~110kg

Required for Operation

- Water connection, drain
- Gas supply (3/8"L propane or butane gas)