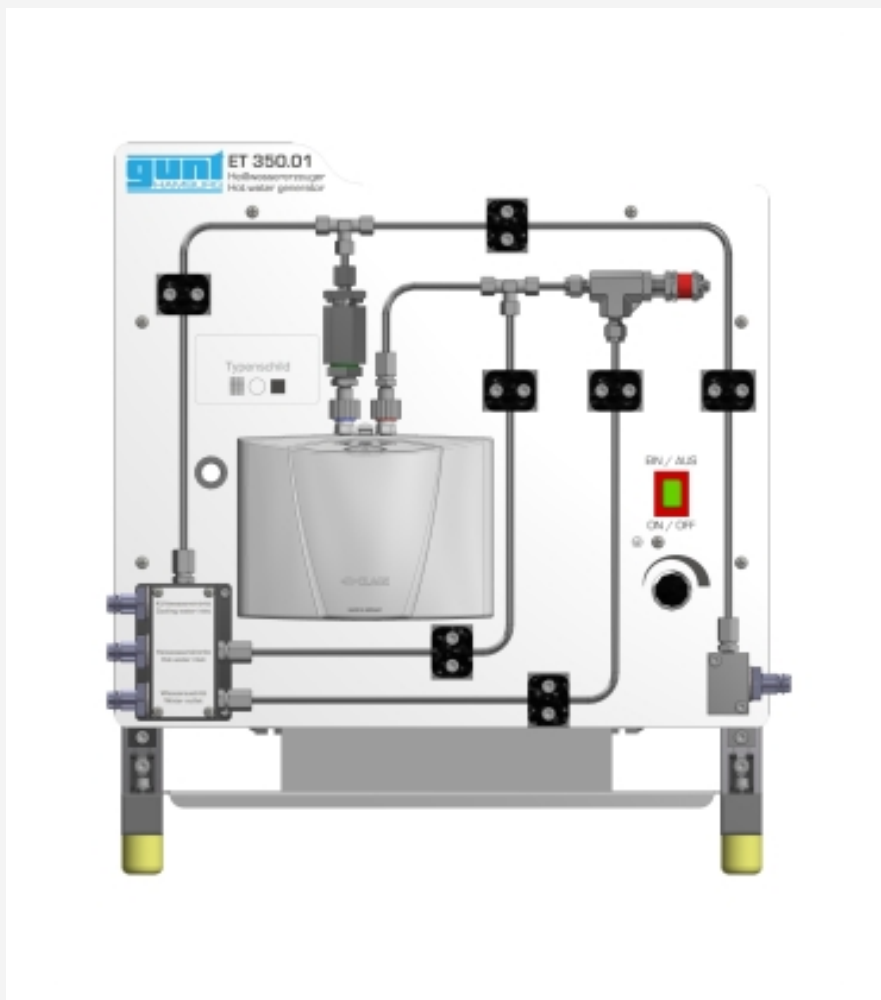


ET 350.01

Hot water generator



Specification

- [1] device to produce hot water
- [2] achievable temperature difference of 20K
- [3] main components: heater, flow limiter, overflow valve
- [4] electric heater for producing hot water suitable for ET 350
- [5] connection to ET 350 via quick-release couplings

Technical data

Heater

- heating power: 3,5kW
- max. flow rate: 2L/min

Flow limiter

- operating range: 2L/min

Overflow valve

- operating range: 0,7...17bar

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase

LxWxH: 475x366x532mm

Weight: approx. 20kg

Required for operation

cold water connection >5L/min, 2,2bar

Scope of delivery

- 1 supply unit
- 1 manual

Description

- supply system for ET 350
- adjustable temperature
- in combination with WL 110.20 for optimum experiment conditions

In order to optimise the quality of the experimental results and achieve better visualisation of the phase transformation in the ET 350 device, hot water is required.

The ET 350.01 hot water generator is designed to be used with the experimental unit ET 350, changes of state in the refrigeration circuit. The hot water generator is connected directly to the water supply network. Some of the fresh water is fed to the ET 350 device directly as cooling water via a T-piece, while the rest is passed through a heater.

The heated water is then fed to the ET 350 experimental unit.

The intensity of the heating can be adjusted using a rotary switch. A flow limiter ensures that exactly the minimum flow rate required to operate the heater is achieved. The overflow valve allows the flow to ET 350.

The waste water from ET 350 is discharged via ET 350.01.

The accessory WL 110.20 provides an optional cold water supply. The cold water supply allows the device to be used at high ambient and water temperatures.