

HTOV

High Temperature Oven
for Chemical Samples



Technologies

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What is the HTOV

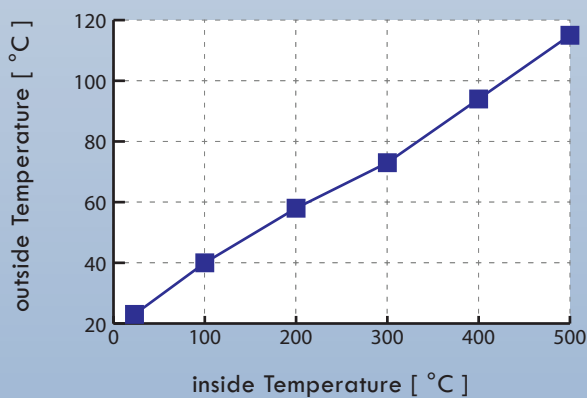
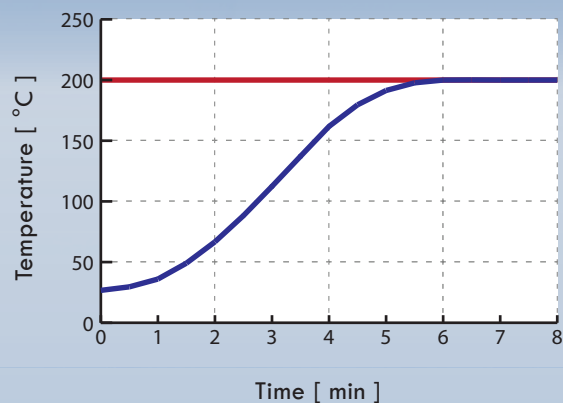
HTOV keeps the sample-holder at a constant temperature
HTOV is inherently safe thanks to an integrated thermal fuse
HTOV is plug-and-play

Specifications

- Power Supply: 110 - 230 VAC
- Temperature range: ambient to 500 °C
- Power: 300 W (at 230 VAC)
- Maximal sampleholder diameter: 15.2 mm
(for standard VCR sample holder)
- Maximal sampleholder height: 76 mm
- Intergrated Thermocouple: K-type
- Dimensions: 15.5 x D10.4 cm
- Weight: 1 kg

Operating Principle

The HTOV needs to be connected to a control device such as the GRZ COBO (Thermo Control Box) or the GRZ AGAS Mano (Advanced Gas Sorption Analysis System Manual Version).



The insulation of the oven minimizes the heat loss to the ambient. Therefore it can be operated safely in the laboratory environment. The maximal outside temperature does not exceed 115 °C