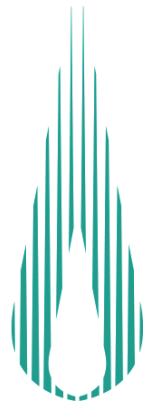
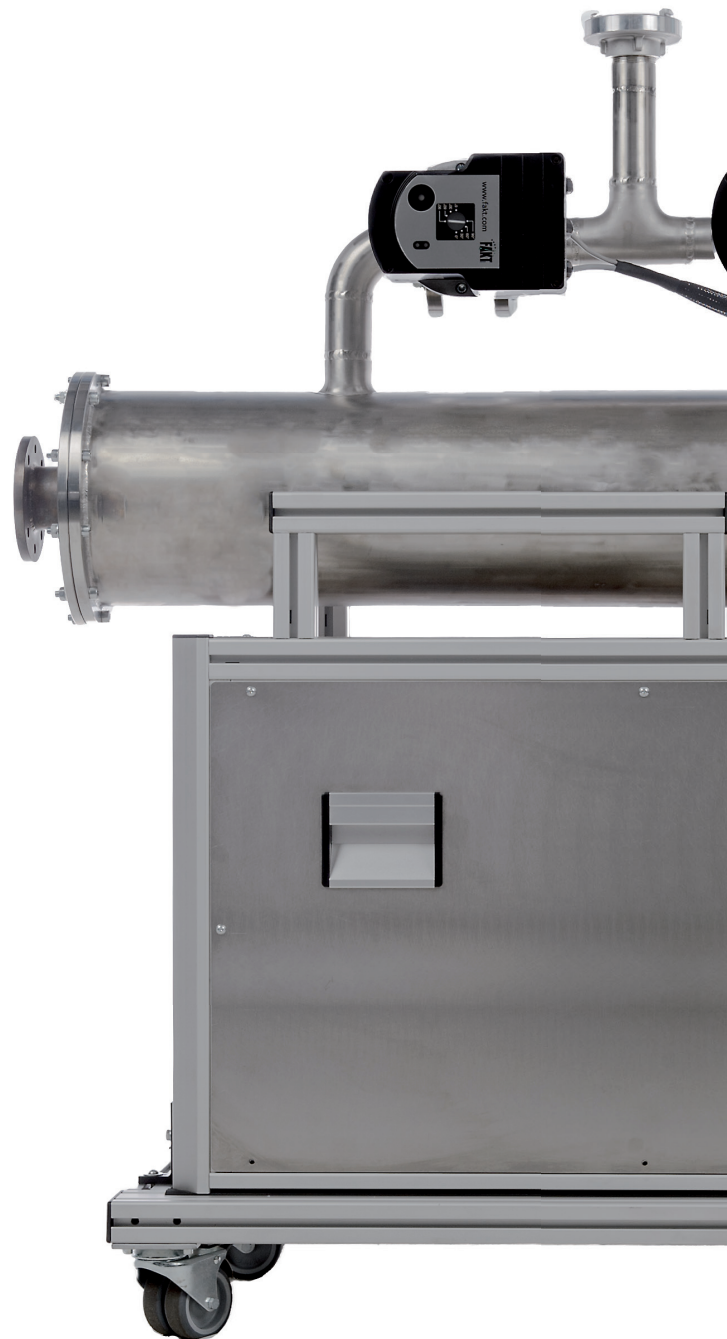


powerful &
compact
hot gas
generator

**HEAT
FAKTORY**
HG100 100KW 1300°C

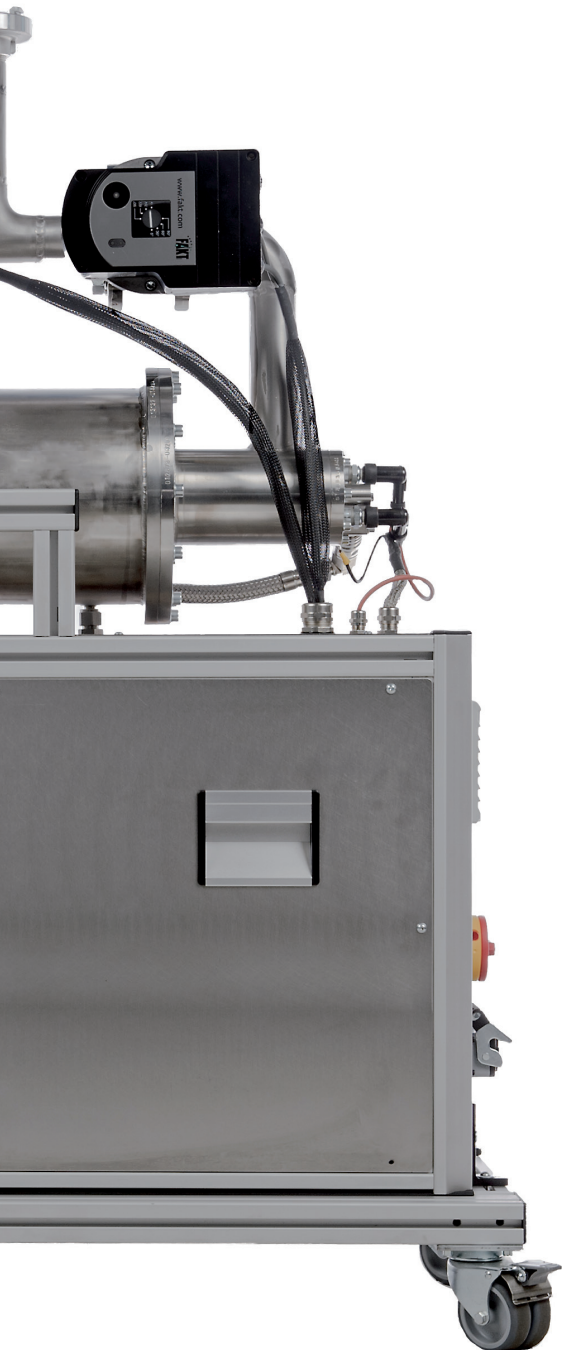


designed for
testing
research
development





FAKT Technik GmbH
 Grüntenstraße 3-5
 87751 Heimertingen / Germany
 phone +49 (0) 8335 / 9888 - 910
 fax +49 (0) 8335 / 9888 - 901
 eMail info@fakt-technik.com
 www.fakt-technik.com



Description: Compact hot gas generator for application in research, development, quality assurance or production.

heatFAKTory® hot gas generators are characterized by wide performance range, flexible positioning, simple operation and low maintenance. They are an ideal tool for the generation of clean hot gas flows. They are used in particular for thermal simulation of engine or turbine exhaust gases.

The combination with other testing equipment or integrati-

on into overall test benches is very simple through a variety of communication interfaces, easy programming and small footprint.

heatFAKTory® burners are available as CNG or LPG powered models. The gas is burned ideally and residue-free. The system controls hot gas mass and temperature automatically, fast and accurately to the required values.

All heatFAKTory® models capabilities can be extend by optional features.

| heatFAKTory® HG100 | |
|----------------------------|---|
| Performance | 2KW - 100KW |
| Temperature range | 80°C - 1200°C (optional: 1300°C) |
| Temperature transien (max) | >150K/s |
| MassFlowRate (MFR) | 20 - 600kg/h 0.006 - 0.167kg/s |
| Adjustment range/scale | 1:50 |
| Combustible | Natural gas [CNG] (optional: Liquid petroleum gas [LPG]) |
| Energy consumption | ~ 0.1m³n/kW (CNG) |
| Automation | ThermControl-Mini [TCmini] |
| Communication interface | Ethernet (optional: Profibus, CAN) |
| Dimension [mm] | ~ 1100x390x1100 |
| Weight | ~ 150kg |

