

HIGH TEMPERATURE GAS FLARE HTFA



TECHNICAL FEATURES

- Concealed burning > 1000 °C
- Dwell of 0,3 sec (TA air)
- Insulated burning chamber
- Standardized to EN746

MAIN FEATURES

- Two-step main gas valve
- Stainless steel switch board
- Continuous power regulation
- Flare-length according to customers wish

ENVIRONTEC'S HIGH TEMPERATURE GAS FLARE

The series HT is designed as a flare (according to TA air) with automatic exhaust temperature control at 1000 °C and a dwell of at least 0,3 sec.

Area of deployments:
Thermal disposal of combustible surplus gases (landfill gas plants) or special gases.

HT flares are supplied with heat-resistant ceramic lagging (up to 1220 °C) and

automatically controlled air flap. The flare burner starts when the start signal and the gas pressure due for flare. Automatic ignition and control during operation. All control functions in weatherproof control cabinet.

Ignition system: Pilot burner for propane, natural gas and special gases.
All wetted components are welded of V4A steel, rayed and passivated.

TYPE SPECIFICATION

- Volume flow: 50 - 1500 Nm³/h
- Medium: landfill & special gases
- Heat value: 35 – 95 % CH₄
- Gas pressure: min. 20 mbar
- Connection: DN50 – DN200
- Ignition: high voltage 10 kW
- Flame control: UV-cell