

Flame control:

Stable gas control for constant flames

The most important precondition of constant quality in flame control is that the gas mixture or proportioning is stable. The fast regulation and high precision of Vögtlin's thermal mass flow controllers – controlled and monitored through a PC or PLC – is highly impressive. The reproducibility of production processes soon pays off.

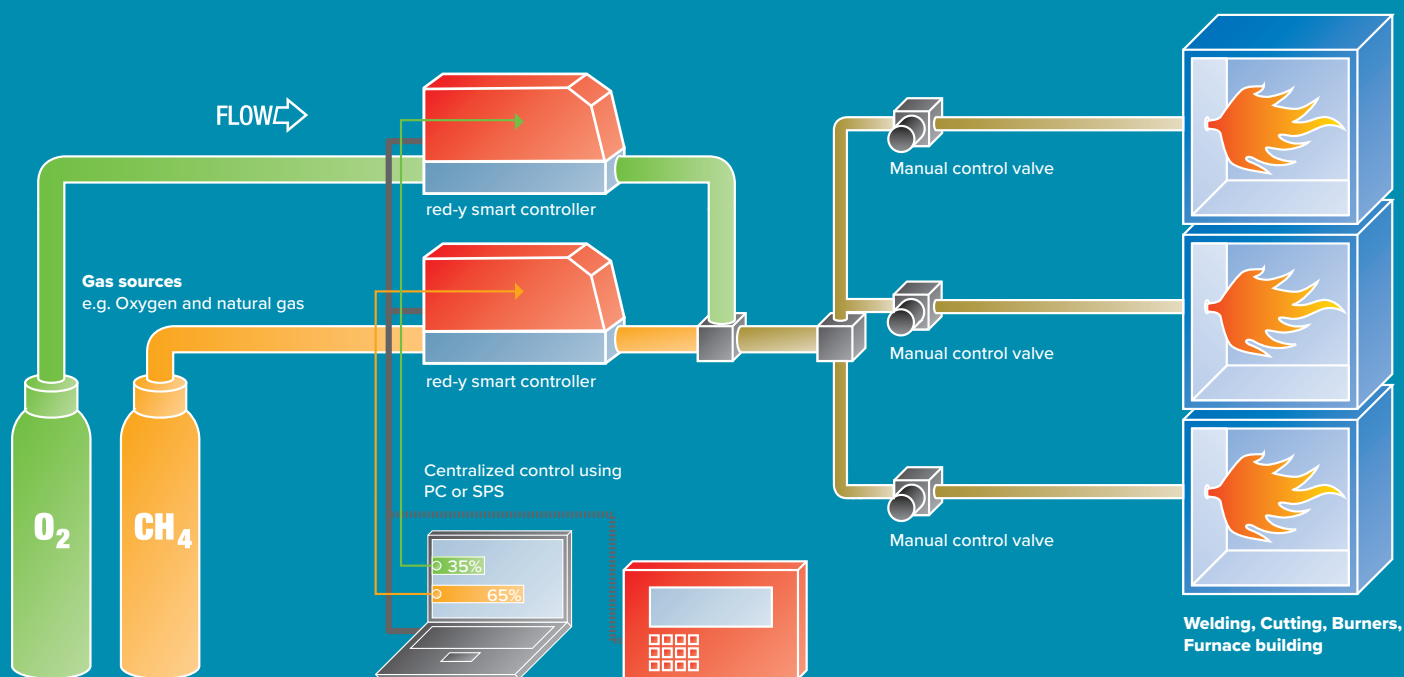


Fig. 1 Functional scheme of flame control

Key Features

- ★ Fast regulation
- ★ Very short reaction times
- ★ High precision
- ★ Flexible mixtures
- ★ Easy operation through PC or PLC
- ★ High reproducibility

Interfaces

- ★ Analog
- ★ Modbus RTU
- ★ Profibus DP-V0/DP-V1
- ★ Profinet / EtherCAT

Typical applications

- ★ Welding
- ★ Cutting
- ★ Burners
- ★ Furnace building



Fig. 2 red-y smart meter & controller:

The high precision and fast regulation of the thermal mass flow meters and mass flow controllers is remarkable.

