



SORG[®] LoM oxy-fuel burner

Minimizes melting costs and emissions, wide operation range

Features

“LoM” stands for Low Momentum / Low Maintenance – is exactly what glass producers (who are using oxy-fuel melting technology) are looking for.

Due to a perfect flame shape, which can be adjusted to all furnace geometries, flame stability and temperature distribution, the melting furnace can operate on minimum fuel levels.

What is unique is the possibility to work with low media velocities (and momentum) to further reduce NOx emissions. At the same time the burner can use low-pressure oxygen, which is the most cost efficient oxygen supply.

The SORG[®] LoM burner is easy and fast to install and suitable for all new furnaces and retrofits as well.

Of course, the SORG[®] LoM burner can be installed “on the fly”.

As a consequence of the design, the SORG[®] LoM burner is extremely robust and reliable, resulting in low maintenance costs.

The SORG[®] LoM burner operates in a wide range of media volumes without any need to manually adjust, change or modify the burner and/or burner components.

The SORG[®] LoM burner can be used in melting most types of glasses and any melting furnace capacity.

Specifications

Natural gas: max 150 m³/h
 Oxygen: max 350 m³/h
 Pressure: min 0.3 bar*
 * incl. single burner regulation

At a glance

- + Low energy costs and emissions
- + Adjustable flame shape
- + Very stable flame
- + Easy and fast installation
- + Wide operational range
- + Most types of glass and any furnace capacity
- + Suits low-pressure oxygen
- + SORG[®] has the experts to install

**SORG
 CERTIFIED QUALITY
 COMPONENTS**

are :

- low maintenance
- operator friendly
- reliable
- accurate



That's why we put OUR name on them.

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