产品说明 | Product description

- Connection box 接线盒
- Flange 法兰
- Hyphen 连接杠
- Cold zone 冷区
- Hot zone 热区
- 氮化硅 Si$_3$N$_4$
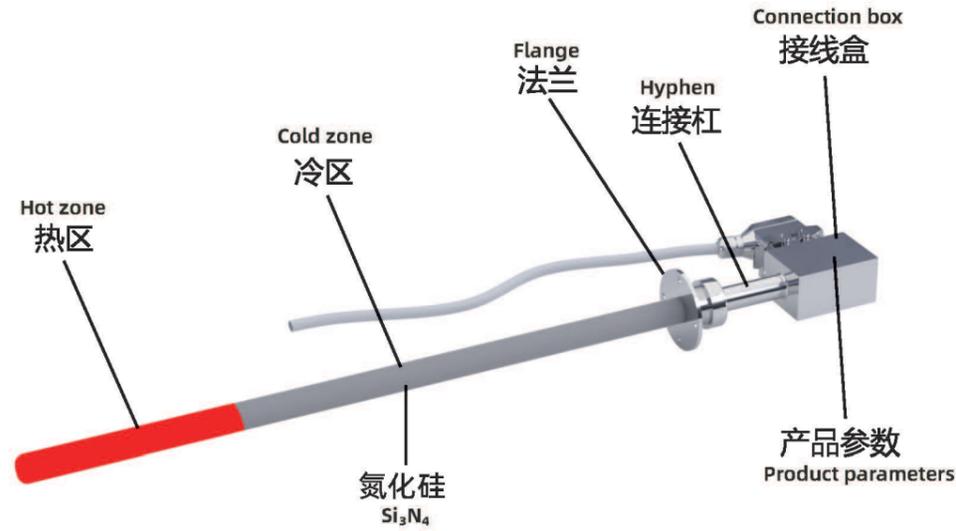- 产品参数 Product parameters

Saxonburg

浸入式加热器
Immersion heater

用途：

浸入式加热器是针对高端有色金属压铸行业而开发的高功率加热器，可用于定量保温炉、铝液保温炉、导流温度补偿除汽滤渣，转运等液态金属保温设备。

Purpose:

Immersion heaters are high-power heaters specifically developed for the high-end non-ferrous metal die-casting industry. They can be used in quantitative holding furnaces, aluminum liquid holding furnaces, temperature compensation and steam removal filters for flow guidance, as well as in liquid metal holding equipment such as transfer systems.
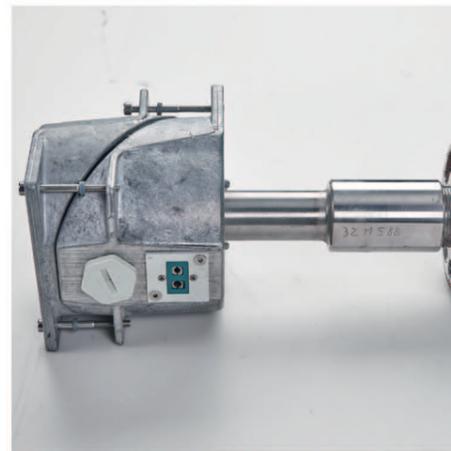
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官方网站 | Website

微信公众号 | WeChat Official Account

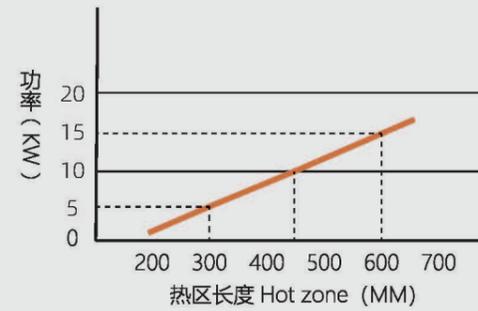## Heart of the Heater
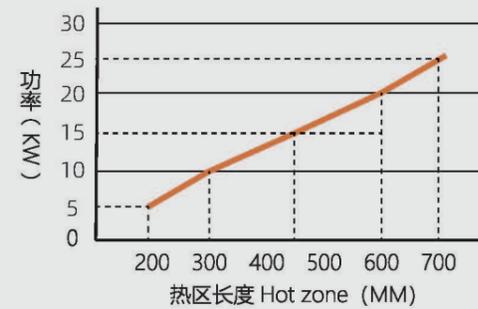
产品选型和参数 | Product selection and parameters

Φ 32

电压 | V:
- 220V
- 240V
- 380V-2P
- 380V-3P

放置方向 | Placement :
- 纵置 Vertical
- 横置 Transverse
- 斜置 Oblique

功率（KW）
20
15
10
5
0
200 300 400 500 600 700
热区长度 Hot zone（MM）

Φ 55

电压 | V:
- 220V
- 240V
- 380V-2P
- 380V-3P

放置方向 | Placement :
- 纵置 Vertical
- 横置 Transverse
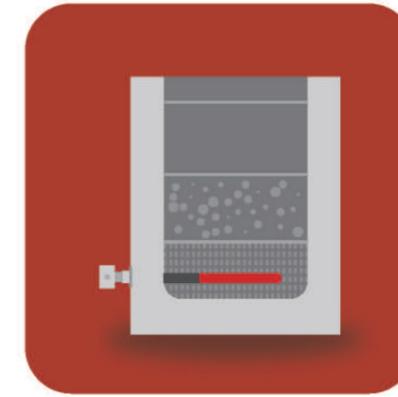- 斜置 Oblique

功率（KW）
30
25
20
15
10
5
0
200 300 400 500 600 700
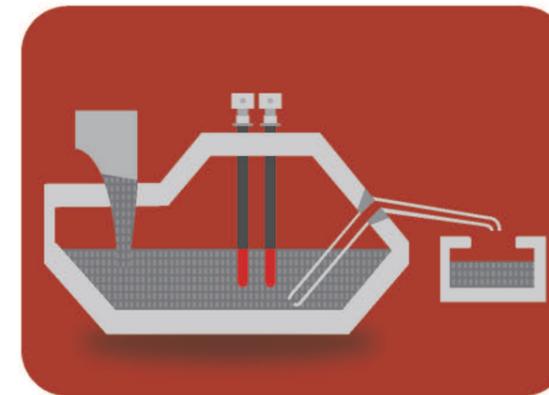热区长度 Hot zone（MM）

出线方式 | Wiring method

航空插头
Aviation plug

高温接线盒
High temperature box

直出高温导线
Higt temperature cable

用途指引 | Usage guidelines
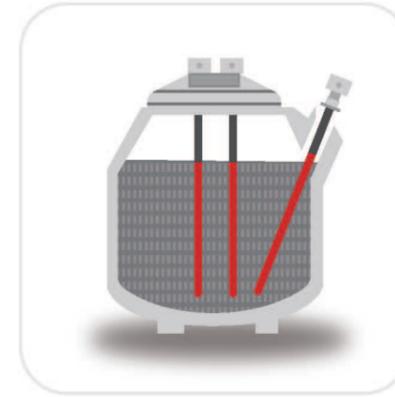
运送包
Deliver the package

过滤箱
Filter box
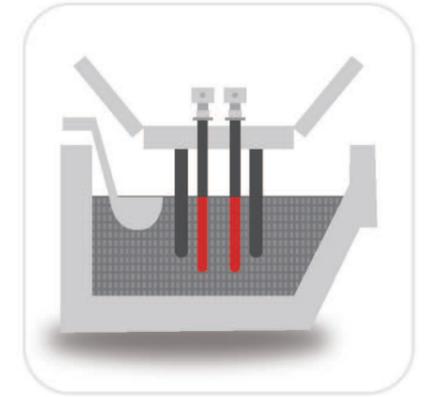
保温炉
holding furnace

定量炉
Quantitative furnace
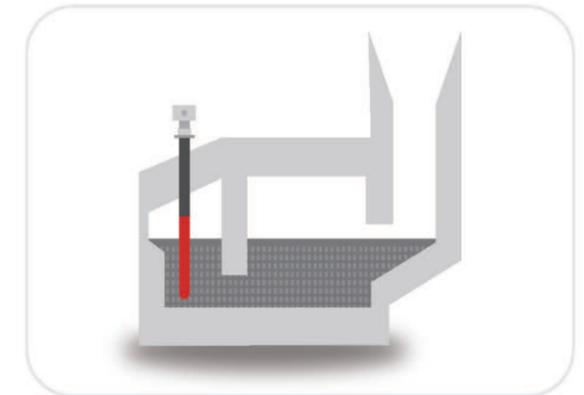
熔融炉
Melting furnace

控制柜 | Control cabinet

此控制柜可通过可控硅与PID算法控制加热器功率的输出比例，从而控制炉内金属液体的温度。

This control cabinet can control the output ratio of heater power through thyristors and PID algorithms, thereby regulating the temperature of the metal liquid inside the furnace.

① PID算法控制
PID algorithm control

② 铝液温度与加热器内部温度互锁联动，延长加热器寿命，降低能耗
The temperature of the aluminum liquid and the internal temperature of the heater are interlocked and interdependent, extending the lifespan of the heater and reducing energy consumption

③ 加热器异常日志
Heater anomaly log

④ DCS远程控制
DCS remote control