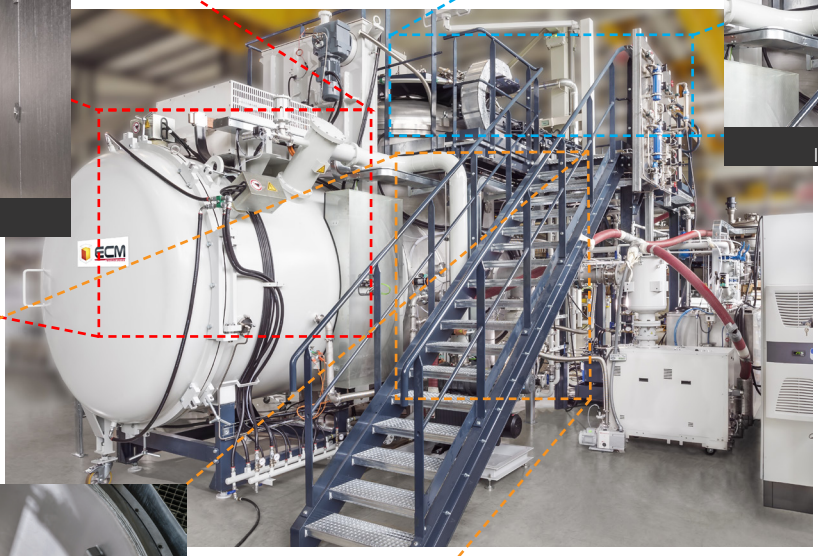
VIM FURNACE

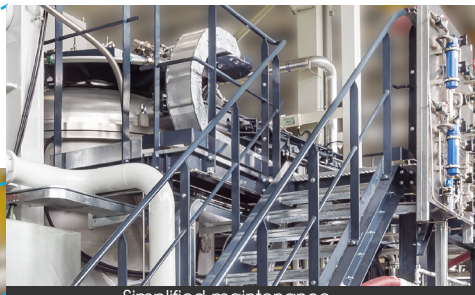
INDUCTION MELTING FOR MATERIALS INDUSTRIES

Our induction furnaces are designed for heat treatments allowing you to develop new materials.
Enjoy the latest technologies for melting metal alloys but also for all glasses, silicas and oxidizing materials requiring high temperature ranges.

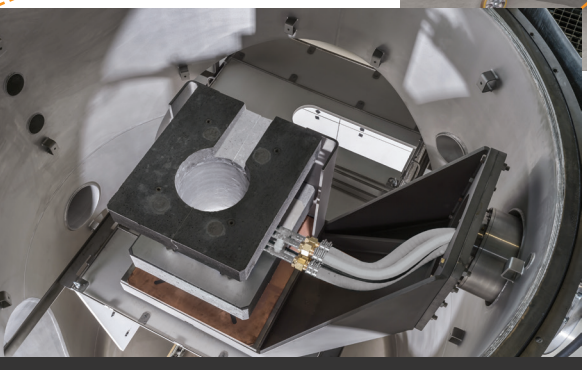
Designed for laboratories and research centers, it also entirely fits in production lines thanks to its modular and scalable design.

Pre-heating of the mold

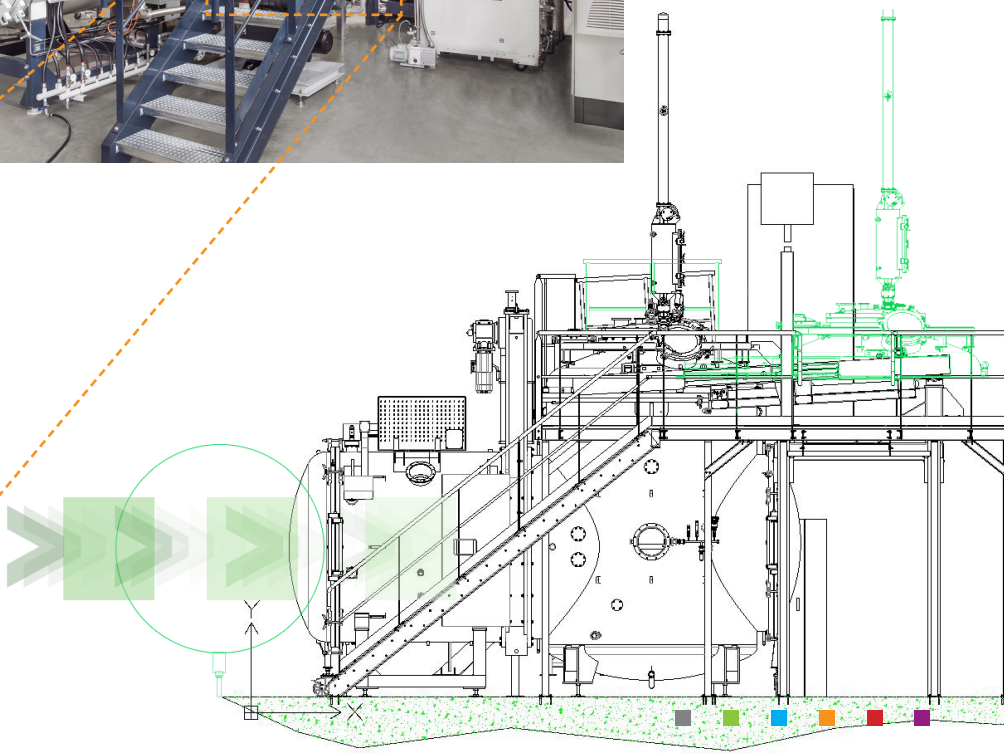




Simplified maintenance,
Instrumentation and regulation



Induction and crucible



CHARACTERISTICS

TREATMENT CAPACITY

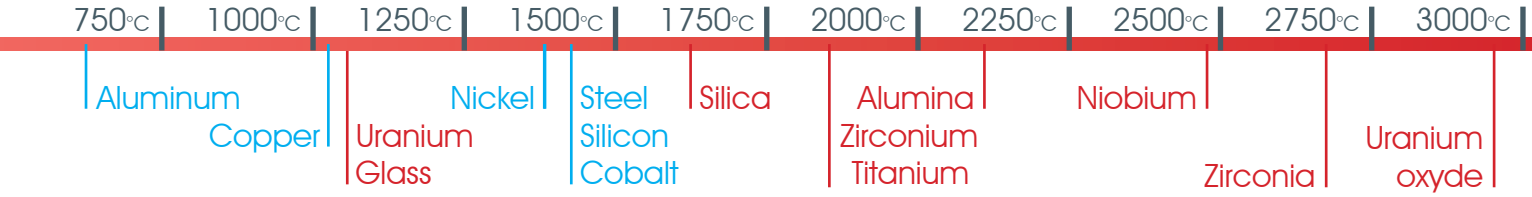
Gross load*	Width	Height	Depth
350 kg	1000 mm	1000 mm	1000 mm

*Other specific load on request

INSTALLATION DIMENSIONS

Width	Height	Depth
8500 mm	8000 mm	7500 mm

WORK TEMPERATURE



AVAILABLE OPTIONS

Atmospheres
- Primary vacuum
- Secondary vacuum
- Inert gas
- Reactive gas

Casting types
- Gravity die casting
- Tilt pouring
- In-container melting

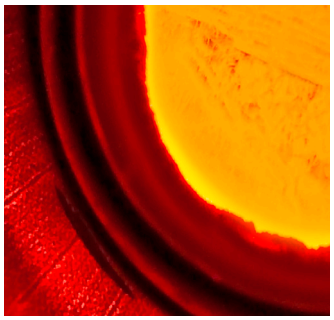
Moulding
- Mould
- Multi-mould
- Centrifugation
- Lost wax
- Sand mold
- Hot mold
- Under pressure mold

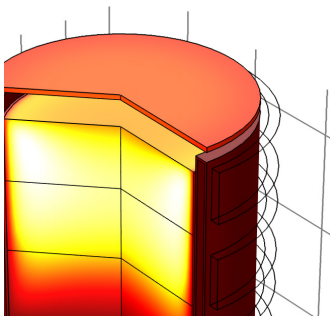
Instrumentation
- Remote acquisition
- Remote supervision
- Multi-sampling
- Monitoring camera

Options
- Bubbling control
- Mold pre-heating
- Adding additive
- In-line integration

MAIN PROCESSES

- Development of new materials for metallurgical applications
- Melting / remelting
- Development of highly pure materials or reagents under cold crucible
- Vitrification under melting container





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