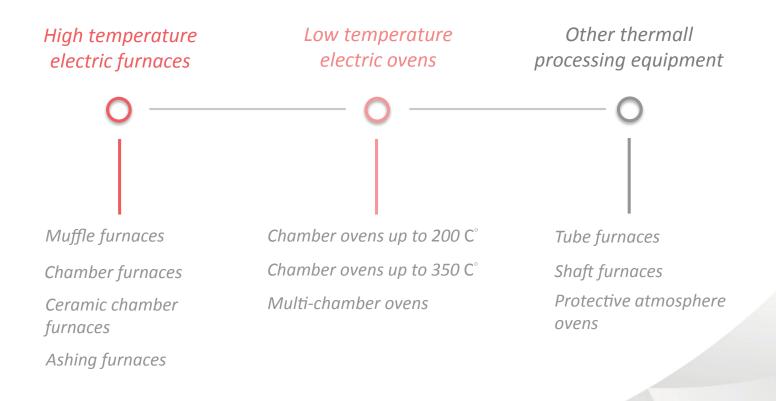
What we do?

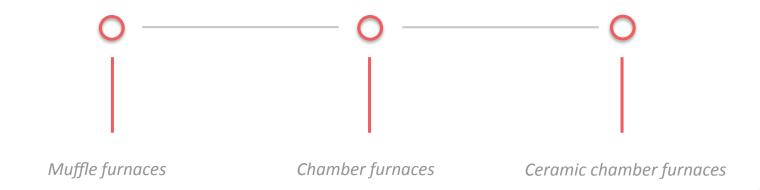
Standard and unique solutions for various heat treatment processes.

Furnaces and Ovens up to 1600 °C for laboratories and industry.

- Relevant international standards;
- Excellent quality and reliability;
- ✓ Individual solutions for each needs at an affordable price.



High temperature electric furnaces



High temperature: Muffle furnaces



Door opening optional:

- √ Top
- ✓ Bottom
- ✓ Sided

- √ Fast heating time
- ✓ Low power consumption
- ✓ Good stability ± 1°C
- ✓ Uniformity ± 2°C temperature measured in
 9 points

Chamber:

- ✓ Heating elements vacuumed in to high quality ceramic fiber
- ✓ Heating from 4 directions
- ✓ Ceramic bottom plate





For 1300C Heating elements exposed

Control

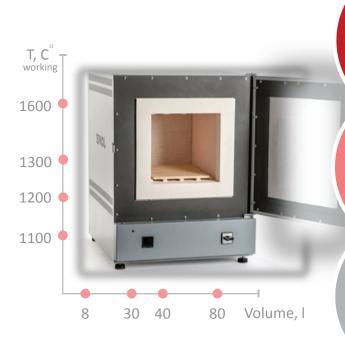
- ✓ PID electronic regulator double digital display
- ✓ Microprocessor temperature controller Omron/ Eurotherm





APPLICATION: SINTERING TEMPERING

High temperature: Chamber furnaces



Door opening optional:

✓ To the right



✓ Fast heating time ✓ Low power consumption

✓ Uniformity ± 2°C

✓ Heating elements are in blocs and easy to change

Chamber:

Fiber plates with heating

1100 C° vacuumized in fiber 1300℃ in groves

1300°C on tubes

Ceramic bottom plate





Heating from 2 to 6 sides!





APPLICATION: SINTERING TEMPERING

High temperature: Ashing furnaces

Continuous air change in the chamber!



Door opening optional:

- √ Top
- ✓ Bottom
- ✓ Sided







Chamber:

- ✓ Solid ceramic , muffle or fiber chamber
- ✓ Fan-assisted chimney for smoke and humidity extraction







Contro

- PID electronic regulato double digital display
- Microprocessor temperature controlleOmron/ Eurotherm

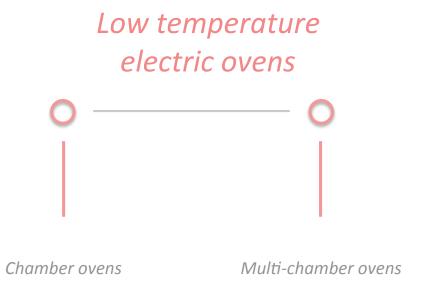




APPLICATION: ASHING BURN-OFF

High temperature: Ceramic chamber furnaces





Low temperature: Chamber ovens 300°C

T, C working 300 220 420 Volume. I

Door opening optional:

- ✓ To the right/ two doors
- ✓ Hermetically closed
- ✓ Double mechanical door lock

✓ OTP and buzzer

- √ Fan speed controller
- ✓ Uniformity ± 1 ±5 °C

temperature measured in 9 points



- ✓ Stainless steel (AISI 304)
- ✓ Horizontal air
- ✓ 2 standard shelves or more



The air is drawn in in the back and blown out at the front.

Adjustable valve in the back of the oven.

Control

- ✓ PID electronic regulator double digital display
- Microprocessor temperature controller Omron/ Eurotherm





APPLICATION: DRYING

Low temperature: Chamber ovens 350°C



Door opening optional:

- ✓ To the right
- ✓ Hermetically closed



√ Fast heating time

- ✓ Low power consumption
- ✓ Economical low-cost version with mild steel!

Chamber:

- ✓ Economical version with mild steel
- √ Forced/ natural air



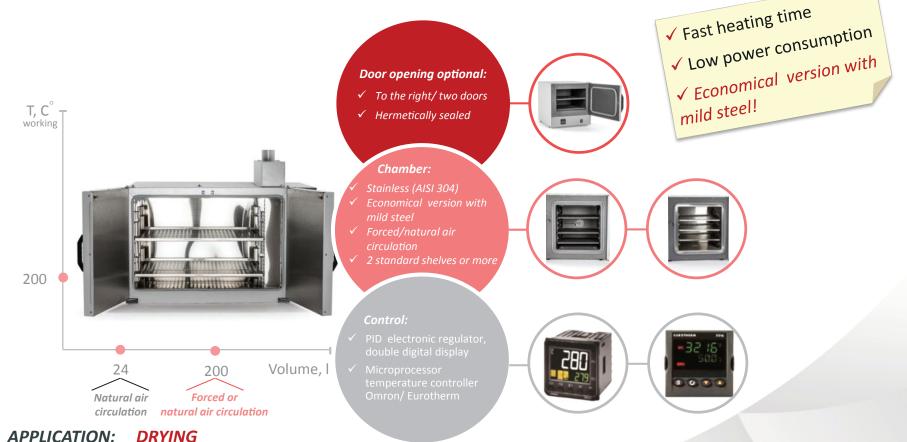






APPLICATION: DRYING

Low temperature: Chamber ovens 200°C



Low temperature: Multi-chamber ovens



Door opening optional:

- ✓ 2 or 4 doors;
- ✓ Hermetically sealed.



- √ Fast heating time
- ✓ Low power consumption
- ✓ Customization according to clients needs:
- 2, 3, 4... Separate chambers with a individual controllers!

Chamber:

- ✓ Stainless/ mild steel;
- √ Forced/ natural air
- √ 4 standard shelves.



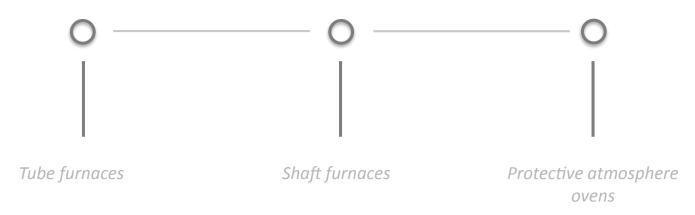






APPLICATION: DRYING

Other thermal processing equipment



Other: Tube furnaces

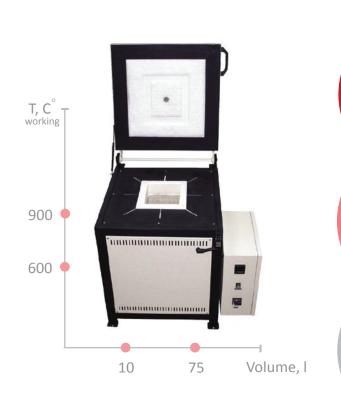


√ Fast heating time

✓ Low power consumption

APPLICATION: DETERMINATION OF CARBON

Other: Shaft furnaces



Door opening optional:

✓ From the top.



- ✓ Fast heating time
- ✓ Low power consumption
- ✓ High degree of accuracy

Chamber:

- ✓ Solid ceramic or









Other: Protective atmosphere ovens



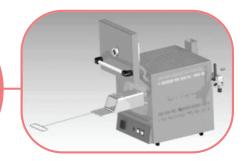
Door opening:

✓ Optional

✓ Fast heating time
 ✓ Low power consumption
 ✓ High degree of accuracy

Chamber:

- ✓ Protective gas box & equipment for gas inlet;
- ✓ Gas: Nitrogen or argon.



Control

- PID electronic regulator, double digital display
- ✓ Microprocessor temperature controller Omron/Eurotherm





APPLICATION: PROTECTIVE ATMOSPHARE

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