

LD-Sinter 165

sintering furnace

The LD-Sinter 165 sintering furnace, is a furnace fully programmable and fully adaptable to all zircon materials on the market today.

- Active cooling:
Active cooling time option shortens the cycle time by 3 hours.
- Automatic Degassing
A unique procedure of degassing for maximum purity and enhancement of the color precision of the sintered zircon.

Innovative features to improve the quality & the purity of the sintered zirconium oxide.

Technical Specifications

- Measurements: 37 x 43 x 75 cm
- Weight: 60kg
- Firing chamber: 95mm x 140mm
- Firing table: 90mm
- Temperature: max. 1650 degree
- Main input: 110V or 230V
- Max. power: 1500W



Keeping in mind the importance of space in the laboratory.

LD-Sinter165 was designed with the firing unit and power unit built in one. The firing chamber is lined with isolating material and the chamber opening is sealed by a smoothing moving mechanical lift.

Two especially designed firing crucibles can be stacked one on top of the other thus permitting simultaneously the sintering of **60 to 80 units** depending on the elements.



1650 C



High precision



Automatic Degassing



Active cooling

LD-Sinter 165: Article-No. A401606

Scope of delivery:

- 1x furnace unit
- 1x control connecting cable power unit
- 1x firing unit
- 1x firing tray (2 elements)
- 2x sintering crucible
- 1x sintering crucible top
- 2x package of sinter spheres
- 1x operating manual