

Calidia UltraSpeed HT – sintering furnace

- 2 hours fast sintering – send out your cases the same day
 - 3 hours fast sintering with cooling in closed chamber due to intelligent ventilation system, increases zirconia production speed & decreases production costs
 - stackable three tray capacity allows an average of 75 units to each sinter cycle
 - accurate temperature control with 4 high quality MoSi2 coils (consistent zirconium colour)
 - fully programmable and capable of creating custom cycles for different material needs
 - stainless steel construction with multiple internal fans and uniquely designed air holes to maintain a low exterior temperature and to eliminate contamination built up
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- 7" TFT high resolution touch screen LCD monitor
 - USB port for program updates
 - furnace insulated with high purity fiber
 - cost savings and environmental friendliness
 - compact size
provides a smaller footprint for valuable lab space
 - maximum temperature 1600°C

technical data:

dimensions (WxDxH): 310x460x720mm

220Volt / 50Hz - 15A - 2Kw

weight: 45kg

5 different sintering modes:

1. ultra speed mode:
single copings or 3-4unit bridges (2 hours)
2. closed chamber speed mode:
single copings or 3-4unit bridges (3 hours)
3. regular mode: large bridge cases or 4unit bridge cases with large pontics (4-7 hours)
4. full contour translucent mode: zirconium sintering at an increased temperature
5. custom mode: built your own sintering cycle for all you zirconium needs in different materials

