Technical specifications:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>External dimensions</td>
<td>15 x 31 x 20 inches</td>
</tr>
<tr>
<td>Heating chamber volume</td>
<td>2 speed-sintering trays, 100mm in diameter</td>
</tr>
<tr>
<td>Maximum temperature</td>
<td>1,650˚C / 3,000˚F</td>
</tr>
<tr>
<td>Heating rate</td>
<td>Selectable: 1-99˚C/min.</td>
</tr>
<tr>
<td>Weight</td>
<td>58 kg / 128 lbs.</td>
</tr>
<tr>
<td>Nominal supply voltage</td>
<td>200-240 VAC</td>
</tr>
<tr>
<td>Frequency</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Permissible deviation from nominal voltage</td>
<td>+/- 10%</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>2000 W</td>
</tr>
<tr>
<td>Overvoltage category</td>
<td>II (pursuant to IEC 60364-4-444)</td>
</tr>
<tr>
<td>Protection against overvoltage</td>
<td>Provide suitable surge filters</td>
</tr>
<tr>
<td>Fuse rating (on site)</td>
<td>Connection to a separate circuit with a slow 10-A, 250-V fuse</td>
</tr>
</tbody>
</table>

Accessories:

- Aluminium oxide beads for zirconium oxide: 55570153
- Speed-sintering bowl assembly: 5555670109
- Speed-sintering assembly, consisting of:
  - Base/Lid: 5555670110
  - Base/Lid: 5555670110
  - Ring: 5555670111
  - Pliers for tray, 25 cm long: 5555670113

Scope of delivery:

1. Sintering furnace
2. Power cable
3. Zirconium oxide door
4. Speed-sintering tray, 100 mm in diameter
5. Aluminium oxide beads, 1 – 2 mm (200 g) for zirconium oxide
6. Tray forceps
7. Instructions for use in 5 languages on CD-ROM
8. Quick Reference guide, printed
9. Information on setting the language at startup

Sintering furnace for zirconium oxide
The efficient sintering furnace for zirconium oxide

The state-of-the-art Multimat2Sinter sintering furnace has been designed for processing zirconium oxide restorations with a high degree of efficiency. With its advanced technology, it is perfectly suited for processing zirconium oxide restorations.

Thanks to its broad range of included accessories and its intuitive handling, the furnace is ready for immediate productive use out of the box.

The features

1. Intuitive menu interface
2. Pre-installed programs
3. 20 custom program memory locations
4. High-quality heating elements
5. Maximum temperature 1,650°C
6. Speed-sintering and conventional sintering of zirconium oxide

1. Simple, clear and logical – the 4-line display lets you get started with the furnace right away. It displays all relevant information, and right next to it, there is a keyboard for input parameters, with buttons arranged in a user-friendly manner.

2. Pre-programmed sintering programs for different materials (such as Cercon base or Cercon HT) are an enormous time-saver. Programs are invoked by simply pressing a button.

3. With the custom programming option, material parameters can be individually programmed and saved. The Quick Reference guide will help you create even more complex programs quickly and safely.

4. Four high-quality molybdenum disilicide heating elements ensure optimal and homogeneous heat distribution in the sintering chamber. The result is a streamlined workflow with outcomes of a consistently high quality.

5. The heating elements are highly durable, lowering operating costs considerably; this is due in part to a safe interpretation of the maximum temperature limits, which are far higher than the sintering temperatures.

6. The oven is suitable for both conventional sintering and time-saving speed sintering. With this highly economical process, zirconium oxide frameworks can be completed within one day.

Glowing firing chamber Display and keyboard Al₂O₃ beads for Cercon Speed-sintering tray Tray for large bridges