Inert Gas Ovens

Blue M Inert Gas convection oven is ideal for a number of laboratory and industrial oven applications, including moisture drying, epoxy curing, and aging of electronic components and devices. These ovens offer great performance of non-hazardous materials.

Equipment Specifications

- Temperature Range: Ambient to 250°C
- Cleanliness: Class 100
- Temperature Stability ±0.5°C
- Temperature uniformity: ±1.0% of set point
- Oxygen Concentration <20PPM
- Nitrogen Flow Regulation: 10L – 60L/min Manual Adjustment. Max pressure of control valve 0.5MPa
- Forced convection
- Over temperature protection
- Inner oven made from SUS #304 mirror stainless steel
- Exterior constructed of painted cold rolled steel
- Ramp rate of 15°C / minutes average

<table>
<thead>
<tr>
<th>Model</th>
<th>Interior (W x H x D)</th>
<th>Exterior (W x H x D)</th>
<th>Liters</th>
<th>Cubic Ft</th>
<th>Heater kW</th>
<th>Amp</th>
<th>Voltage</th>
<th>Temperature Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>COI10</td>
<td>650mm* 700mm* 600mm* (21.8* 27.56* 23.62&quot;)</td>
<td>950mm* 1365mm* 1230mm* (37.4* 53.74* 48.43&quot;)</td>
<td>273</td>
<td>9.64</td>
<td>4KW</td>
<td>8A</td>
<td>380/3/50</td>
<td>Ambient – 250°C</td>
</tr>
<tr>
<td>COI18</td>
<td>700mm* 900mm* 800mm* (27.56* 35.43* 31.5&quot;)</td>
<td>1000mm* 1560mm* 1430mm* (39.37* 61.42* 56.3&quot;)</td>
<td>504</td>
<td>17.8</td>
<td>7KW</td>
<td>14A</td>
<td>380/3/50</td>
<td>Ambient – 250°C</td>
</tr>
<tr>
<td>COI32</td>
<td>1300mm* 1000mm* 700mm* (51.18* 39.37* 27.56&quot;)</td>
<td>1600mm* 1665mm* 1350mm* (62.99* 65.55* 52.36&quot;)</td>
<td>910</td>
<td>32.14</td>
<td>10.5KW</td>
<td>21.5A</td>
<td>380/3/50</td>
<td>Ambient – 250°C</td>
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</tbody>
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