

Oven | vacuum oven

Jog-Dial controller, 10 - 750 mm Hg (0.63 mbar), up to 200°C, 18.6 / 30 / 70 l



Optimized gas exchange



Wise remote



Jog-Dial controller

WOV 200°C, 18.6/30/70 l, 750mmHg

Ideal for:

- drying, baking, conditioning, curing, out-glassing solids and liquids, vacuum embedding, moisture testing, plating and aging test

Features:

- very easy and convenient for vacuuming and venting, easy to read vacuum gauge
- high quality door sealing: high temperature grade silicone molded gasket
- superior uniformity and stability
- safety window: tempered safety glass 12T & polycarbonate 5T
- RS232C interface for monitoring and controlling (WireRemote)
- stainless steel interior, powder-coated steel body and glass wool insulation
- 2x aluminium shelves included
- storage function for set values of alarm and timer
- backlight LCD display
- CE & UL/CUL certified and unique serial number for tracing

Safety mechanism:

- locking mode
- overheat and over-current protection
- sensor error detection and leakage breaker

Controller:

- **Jog-Dial controller (PID)** with 2-way knob (turn and push), digital LCD with backlight, and two durable setting buttons



WOV-30 with 2x aluminium shelves (included)

| Model | WOV-20 | WOV-30 | WOV-70 |
|---|--|---------------------------------------|---------------------------------------|
| Capacity | 18.6 l | 30 l | 70 l |
| Vacuum range, level & rate | 10 - 750 mmHg, 0.63 mbar, 0.39 mbar/h | | |
| Temperature range, fluctuation & sensor | room temperature +5°C - 200°C, fluctuation: ±0.5°C at 100°C & 150°C, PT 100 sensor | | |
| Temperature variation | ±2.0°C at 100°C, ±3.0°C at 150°C | | ±2.5°C at 100°C, ±3.5 at 150°C |
| Heating power | 2 x 170 W, 2 x 130 W | | 2 x 350 W, 2 x 450 W |
| Heat-up time | 60 min. to 100°C 90 min. to 150°C | 70 min. to 100°C 100 min. to 150°C | 80 min. to 100°C 100 min. to 150°C |
| Timer & alarm | 99hr 59 min (delay & continuous run) and timer end | | |
| Resolution | control: ±1.0°C, display: ±1.0°C | | |
| Height between shelves | 87 mm | 98 mm | 133 mm |
| Vacuum inlet valve size | outer Ø10 mm | | |
| Internal dimensions (W x D x H) | 265 x 290 x 265 mm | 300 x 330 x 300 mm | 400 x 435 x 400 mm |
| External dimensions (W x D x H), net weight | 480 x 475 x 552 mm, 48 kg | 515 x 515 x 587 mm, 55 kg | 618 x 620 x 687 mm, 85 kg |
| Packing size & gross weight | 585 x 580 x 795 mm, 59 kg | 620 x 620 x 830 mm, 67 kg | 725 x 720 x 930 mm, 100 kg |
| Power supply | 1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz | | |
| Power consumption | 600 W | 600 W | 1,6 kW |
| Order number 230V | DH.WOV03020 | DH.WOV03030 | DH.WOV03070 |
| Order number 120V | DH.WOV04020 | DH.WOV04030 | DH.WOV04070 |

Accessories: Suitable shelves can be found on page 86