

# Digital Vacuum Oven

(Ambient up to +200°C ±1°C)

Serving the Scientific, Medical and Research industries since 1945

## Features include:

- These vacuum ovens are accurate and reliable.
- Large flat heaters embedded on right & left side walls and the base provides excellent temperature uniformity.
- Uniformity and quick heating time.
- Ovens feature PID controller and digital display.
- Silicon door seal and positive door latch ensures a tight seal.
- Vacuum and purge valve are located on side of the oven for easy access.
- Glass viewing window.



Model HL-VO-27

Glass Viewing Window



Vacuum and purge valve located on side of the oven



## SPECIFICATIONS

# Digital Vacuum Oven (Ambient up to +200°C ±1°C)

| Model                  |            | HL-VO-27  | HL-VO-63        | HL-VO-125        | HL-VO-216        |
|------------------------|------------|---|-----------------|------------------|------------------|
| Capacity (Litres)      |            | 27  | 64              | 125              | 216              |
| Chamber (mm) W x B x H |            | 300 x 300 x 300   | 400 x 400 x 400 | 500 x 500 x 500  | 600 x 600 x 600  |
| Temp.                  | Range      | Ambient up to +200°C +/- 1°C  |                 |                  |                  |
|                        | Controller | Digital PID Controller with PT 100 ohm sensor                         |                 |                  |                  |
| Timer                  |            | Digital / 99hr, 59min   |                 |                  |                  |
| Heating                | Output     | 1.5 Kw  | 2.1 Kw          | 4 Kw             | 6 Kw             |
|                        | Time       | 15 ~ 20 min up to 100°C   |                 |                  |                  |
| Vacuum Range           |            | 10 ~ 760mmHg  |                 |                  |                  |
| Material               | Interior   | Stainless Steel   |                 |                  |                  |
|                        | Exterior   | Powder coated steel plate   |                 |                  |                  |
|                        | Insulation | Ceramic fiber   |                 |                  |                  |
| Door                   |            | Magnetic closure with silicon packing, Tempered safety glass window   |                 |                  |                  |
| Shelves                |            | Aluminum  |                 |                  |                  |
| Control & Display      |            | Microprocessor digital PID control & LED display                      |                 |                  |                  |
| Safety Device          |            | Over temp. limiter, Over current breaker, Alarm & Cut-off at time end |                 |                  |                  |
| Power Source           |            | 220VAC, 50/60Hz   |                 |                  |                  |
| Overall (mm) W x D x H |            | 515 x 460 x 780   | 615 x 560 x 880 | 720 x 700 x 1000 | 850 x 800 x 1200 |
| Weight (kg)            |            | 65  | 105             | 145              | 170              |