

# Genlab

## Laboratory Division

### LARGE CAPACITY MULTI-PURPOSE OVENS



1250 litre Oven  
LCO/42H/DIG



350 litre Oven  
LCO/12V/DIG

The GENLAB Large Capacity Multipurpose Ovens offer a unique range of highly efficient, reliable and accurate units suitable for much larger applications in drying, curing, general laboratory and industrial uses.

#### Specifications

- Capacities 250 to 1250 Litres
  - 8 sizes vertical style
  - 9 sizes horizontal style
- Temperature range:
  - 40°C to 250°C
- Microprocessor digital controller with dual display of set point and actual temperature
- Easy clean powder coated body
- Aluminium coated mild steel chamber
- Fitted castors (from 650 litres)
- Safety overheat thermostat
- Full two year warranty
- C.E compliant

#### Options

- Stainless steel chamber
- 300°C units available

#### Accessories

- Extraction systems
- Timers/Recorders
- Trolleys and racking
- Other accessories available on request



Certificate No. 5531

# LARGE CAPACITY MULTI-PURPOSE OVENS

## Design

The exterior is constructed from sheet steel finished in an easy clean powder coated paint. The interior chamber is made from mild steel coated with aluminium (CLAD) with a stainless steel chamber available as an option.

Fitted with fixed shelf runners and removable chrome plated wire grid shelves.

The vertical style units are fitted with single doors, the horizontal style units are fitted with twin doors.

## Heating

Heated by Incoloy sheathed elements positioned in the base fan duct for units up to 650 litres and in the side fan duct on units 650 litres and over. All units come with forced air fan circulation as standard.

## Controls

All units have as standard a PID Microprocessor controller, with dual displays of set point and actual temperature that are auto-tuned to each individual unit to optimise the heat up, overshoot and control of temperature.

## Specifications

### Horizontal style

Genlab ref.	Capacity approx.litres	Internal dims (h x w x d cm)	External dims (h x w x d cm)	No. of shelves	No. of shelf positions	Nett weight (kilos)
LCO/9H/DIG	250	54 x 92 x 44	94 x 109 x 57	3	4	80
LCO/12H/DIG	350	54 x 92 x 64	94 x 109 x 77	3	4	120
LCO/15H/DIG	425	76 x 92 x 64	112 x 109 x 77	4	5	150
LCO/18H/DIG	500	91 x 92 x 64	127 x 109 x 77	5	7	165
LCO/22H/DIG	650	91 x 92 x 77	127 x 157 x 95	5	7	180
LCO/27H/DIG	750	106 x 92 x 77	142 x 157 x 95	5	8	200
LCO/30H/DIG	850	122 x 92 x 77	158 x 157 x 95	5	9	220
LCO/35H/DIG	1000	142 x 92 x 77	178 x 157 x 95	5	11	240
LCO/42H/DIG	1250	142 x 122 x 74	178 x 187 x 92	5	11	275

### Vertical style

Genlab ref.	Capacity approx.litres	Internal dims (h x w x d cm)	External dims (h x w x d cm)	No. of shelves	No. of shelf positions	Nett weight (kilos)
LCO/9V/DIG	250	91 x 51 x 52	127 x 69 x 69	5	7	85
LCO/12V/DIG	350	91 x 61 x 62	127 x 79 x 79	5	7	110
LCO/15V/DIG	425	91 x 61 x 77	127 x 79 x 94	5	7	140
LCO/18V/DIG	500	114 x 61 x 77	150 x 79 x 94	5	9	155
LCO/22V/DIG	650	114 x 77 x 77	150 x 142 x 95	5	9	170
LCO/27V/DIG	750	128 x 77 x 77	164 x 142 x 95	5	10	190
LCO/30V/DIG	850	142 x 77 x 77	178 x 142 x 95	5	11	210
LCO/35V/DIG	1000	142 x 77 x 92	178 x 142 x 110	5	11	230

## Ordering

All units have CLAD interior with the microprocessor digital control as standard. Where options are required simply add the option code to the original reference.

## Option codes

Stainless steel/SS