

300°C General Purpose Laboratory Ovens



120 litre oven with digital control and stainless steel chamber

JIM Engineering general purpose 300°C laboratory ovens are reliable, cost-effective and suit most laboratory applications including drying, curing and general use. Please also see our GPS and HD ranges for other 300°C models.

Range Specifications

Capacities from 50 to 210 litres
Standard temperature range 40°C to 300°C
Fluctuation typically +/-1°C
Powder coated body is easy to clean
Aluminum clad steel chamber
Calibrated digital controller
Internal forced air circulation
Independent overheat safety thermostat
CE marked
Full 12 months parts & labour warranty

Options

Stainless steel chamber
Heavy duty model - see *GPS range*
Programmable controllers
Calibration certificates

Other options - please call



Contact us on: 01744 - 322377

Email: info@jimengineering.com

JIM Engineering Ltd. Ravenhead Business Park, 11 Ravenhead Road, St Helens, WA10 3DB

General Purpose 300°C Laboratory Ovens



Design:

The exterior cabinets are manufactured from sheet steel finished in powder coat paint for a durable and easy clean finish. As standard the chamber is made from aluminium coated steel (CLAD); stainless steel is an alternative. The plated steel shelves are adjustable on fixed shelf runners; ladder shelf supports are an option. A top vent/access port is fitted; additional vents can be factory fitted if required. The vent is also used for inserting thermometers and monitoring probes into the chamber.

The design of a JIM Engineering oven offers a smaller bench foot-print than most alternative makes.

Heating:

Sheathed Incoloy heating elements are fitted at the base of the chamber. The heating element is fitted around the fan under the base cover.

Controls:

As standard models are fitted with PID digital controllers with dual display (set and actual) and programmable ramp and dwell controllers are standard options. A direct reading calibrated thermostat for overheat safety protection is also a standard feature. Indicator lamps include power, heating and safety protection.

Special Projects:

We are able to undertake special design and fabrication of custom purpose laboratory ovens.

Model	Litres	Shelf Pos	No of Shelves	External mm H x W x D	Internal mm H x W x D	Max Load Heightmm	Power (watts)
GPS-OV-50-300-DIG-SS	50	3	2	625 x 590 x 422	325 x 490 x 315	240	1000
GPS-OV-75-300-DIG-SS	75	3	2	625 x 590 x 567	333 x 490 x 460	248	1250
GPS-OV-100-300-DIG-SS	100	4	3	735 x 590 x 567	445 x 490 x 460	360	1250
GPS-OV-120-300-DIG-SS	120	4	3	735 x 590 x 659	445 x 490 x 552	360	1500
GPS-OV-150-300-DIG-SS	150	5	3	845 x 590 x 659	555 x 490 x 552	470	1500
GPS-OV-180-300-DIG-SS	180	6	4	957 x 590 x 659	667 x 490 x 552	582	1750
GPS-OV-210-300-DIG-SS	210	6	4	957 x 590 x 749	667 x 490 x 642	582	2000

Larger size needed?
Heavy duty industrial HDV and HDH ranges at 200°C, 250°C and 300°C
 also 400°C and 500°C ovens are available – please contact us for alternative leaflets.

Ordering Information:

All units have CLAD chamber and dial thermostat control as standard.

When ordering with options simply add the extra references to the base cabinet.

-SS Stainless steel chamber

Example: A 100 litre oven with stainless steel chamber is GP-OV-100-F-300-SS-DIG

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