

250°C Laboratory Ovens



50 litre oven with digital control



240 litre economy oven with dial control

JIM Engineering general purpose laboratory ovens are reliable, cost-effective and suit most laboratory applications including drying, heating and general use.

Range Specifications

Capacities from 10 to 355 litres
Standard temperature range 40°C to 250°C
Fluctuation typically $\pm 0.75^\circ\text{C}$
Powder coated body is easy to clean
Aluminum clad steel chamber
Calibrated dial thermostat
Independent overheat safety thermostat
CE marked
Full 12 months parts & labour warranty

Options

Stainless steel chamber
Fan circulation (stability $< 0.3^\circ\text{C}$)
300°C operation - see *GPS range*
Digital dual display controller $\pm 0.3^\circ\text{C}$
Inner glass door
Programmable controllers
Calibration certificate

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 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 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 direct reading calibrated thermostats for both control and overheat safety protection. Indicator lamps include power, heating and safety protection. PID digital controllers with dual display (set and actual) and programmable ramp and dwell controllers are standard options.

Special Projects:

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

Model	Litres	Shelf Positions	No of Shelves	External mm H x W x D	Internal mm H x W x D	Max Load Height mm	Power (watts)
GP-OV-10	10	1	1	415 x 375 x 350	150 x 275 x 243	105	350
GP-OV-20	20	2	2	540 x 375 x 382	275 x 275 x 275	190	500
GP-OV-30	30	3	2	570 x 415 x 422	305 x 315 x 315	220	750
GP-OV-40	40	3	2	670 x 415 x 422	404 x 315 x 315	320	1000
GP-OV-50	50	3	2	625 x 590 x 422	325 x 490 x 315	240	1000
GP-OV-75	75	3	2	625 x 590 x 567	333 x 490 x 460	248	1250
GP-OV-100	100	4	3	735 x 590 x 567	445 x 490 x 460	360	1250
GP-OV-120	120	4	3	735 x 590 x 659	445 x 490 x 552	360	1500
GP-OV-150	150	5	3	845 x 590 x 659	555 x 490 x 552	470	1500
GP-OV-180	180	6	4	957 x 590 x 659	667 x 490 x 552	582	1750
GP-OV-210	210	6	4	957 x 590 x 749	667 x 490 x 642	582	2000
GP-OV-240	240	8	4	1178 x 590 x 659	888 x 490 x 552	803	2250
GP-OV-280	280	6	4	941 x 750 x 769	651 x 650 x 662	566	2250
GP-OV-350	350	7	4	1104 x 750 x 769	814 x 650 x 662	729	2500
GP-OV-355	355	10	5	1620 x 590 x 659	1345 x 490 x 552	1345	2500

Capacities up to 6000 litres and custom build – 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.

-F Fan circulation * -SS Stainless steel chamber -DIG PID digital controller

Example: A 100 litre oven with fan, stainless steel chamber and digital control is GP-OV-100-F-SS-DIG

* Fan and DIG is not an option on 10 and 20 litre models

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