

Laboratory Incubators



355 litre incubator with digital control



20 litre incubator with HYD dial control



75 litre incubator with digital control

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

Range Specifications

Capacities from 10 to 355 litres
Standard temperature range from Ambient +10°C to 100°C
Fluctuation HYD typically +/-0.75°C
Powder coated body is easy to clean
Aluminum CLAD steel chamber
Calibrated dial thermostat
Independent overheat safety thermostat
CE compliant
3 year warranty option FOC

Options

Stainless steel chamber
Fan circulation
Digital dual display controller, Fluctuation DIG with fan typically +/-0.25°C
Inner glass doors
Programmable controllers
Top mounted controls
Other options - please call



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General Purpose Laboratory Incubators



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 incubator 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 incubators.

Model	Litres	Shelves & Positions	External mm H x W x D	Internal mm H x W x D	Max Load Height mm	Power watts
GP-INC-10	10	1 / 1	415 x 375 x 350	150 x 275 x 243	105	250
GP-INC-20	20	2 / 2	540 x 375 x 382	275 x 275 x 275	190	350
GP-INC-30	30	2 / 3	570 x 415 x 422	305 x 315 x 315	220	500
GP-INC-40	40	2 / 3	670 x 415 x 422	404 x 315 x 315	320	500
GP-INC-50	50	2 / 3	615 x 590 x 422	325 x 490 x 315	240	500
GP-INC-75	75	2 / 3	623 x 590 x 567	333 x 490 x 460	248	750
GP-INC-100	100	3 / 4	735 x 590 x 567	445 x 490 x 460	360	750
GP-INC-120	120	3 / 4	735 x 590 x 659	445 x 490 x 552	360	1000
GP-INC-150	150	3 / 5	845 x 590 x 659	555 x 490 x 552	470	1000
GP-INC-180	180	4 / 6	957 x 590 x 659	667 x 490 x 552	582	1250
GP-INC-210	210	4 / 6	957 x 590 x 749	667 x 490 x 642	582	1250
GP-INC-240	240	4 / 8	1178 x 590 x 659	888 x 490 x 552	803	1500
GP-INC-280	280	4 / 6	941 x 750 x 769	651 x 650 x 662	566	1500
GP-INC-350	350	4 / 7	1104 x 750 x 769	814 x 650 x 662	729	1500
GP-INC-355/WH/SS/DIG	355	5 / 8	1620 x 590 x 659	1345 x 490 x 552	1345	1500
GP-INC-440/WH/SS/DIG	440	5 / X	1620 x 690 x 660	1345 x 590 x 550	1345	2000
GP-INC-575/WH/SS/DIG	575	5 / X	1675 x 915 x 660	1350 x 775 x 550	1350	2000

Ordering Information:

All units have CLAD chamber and dial thermostat control as standard, except 355/440/575 which have stainless steel chamber, top controls, DIG control and wheels as standard.

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

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

Example:

A 100 litre incubator with fan, stainless steel chamber and digital control is GP-INC-100/F/SS/DIG

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

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