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# 300°C General Purpose Laboratory Ovens

General Purpose 300 laboratory ovens are reliable, cost effective and suit most laboratory applications. Please also see our GPS and HD ranges for other 300 models.

## Design

The exterior cabinets are manufactured from sheet steel and powder coated. 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 this oven offers a smaller bench foot-print than most alternative makes.

## Internal Fittings

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.



Oven & Furnace Supplier in Thornaby, England  
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## Range Specification

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

## Options Include

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

*For other options, please call.*

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

## Ordering Information

All units have CLAD chamber and dial thermostats 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 VNGP-100-300-SS