



PN30

PN-Series, PEAK Natural Convection General Purpose Laboratory

Ovens with high specification. Suitable for general laboratory heating & drying applications yet with the versatility & optional accessories for more complex and demanding applications. Natural gravity convection offers greater economy and more gentle airflow within the chamber.

Options:

- Over-temperature protection to DIN 12-880 class 2 (recommended to protect valuable contents & for unattended operation).
- Hydraulic over-temperature thermostat.
- MRC 301, PID controller with simple ramp to set-point function.
- Digital countdown timer to switch oven off.
- Top access port for independent thermocouple.
- Accessory shelves & runners.
- Cable access port.
- Viewing window door*.
- Through door illumination system*.
- Stacking frame.
- Key-lock door.
- Door switch.
- Floor stands and wheeled trolleys.
- Routine spares kit.

Features:

- Economical natural convection models
- 300°C maximum operating temp.
- 27 to 215 Liters chamber volumes.
- TLK simple PID controller.
- Chemically resistant stainless steel liner.
- Two nickel-chrome plated wire shelves
- Lever latch door & airtight silicone seal.
- Compliant with safety standards BS EN 61010-2-010-1995 & BS EN 50014:1993.
- Meets "Electrically Heated Drying Oven" performance standard BS 2648.



PN200



PN30

Model	Max. Temp. (°C)	Heat-up time to Max. (mins)	Temp. stability °C PID	Temp. uniformity 300°C (±°C)	Recovery time to Max. (mins)	Dimensions		Shelves Fitted/ accepted	Shelf loading Each/ total (kg)	Vol. (Liters)	Max. Power (W)	Weight (kg)	Power Supply
						Internal HxWxD(mm)	External HxWxD(mm)						
PN30	300	52	±0.5	7.0	8.5	255x330x320	470x665x470	2/3	10 20	27	750 300	30	230V single phase
PN60	300	52	±0.5	7.0	8.5	350x392x420	570x765x570	2/5	10 30	57	1000 480	45	
PN120	300	52	±0.5	7.0	8.5	450x492x520	670x865x670	2/9	10 40	115	1500 720	60	
PN200	300	58	±0.5	7.0	10	700x592x520	920x965x670	2/15	10 50	215	2250 1160	75	

Minimum operating temperature approximately ambient plus 10°C. Uniformity is measured in an empty chamber with vents closed, after a stabilization period. Shelf loadings are based on evenly distributed weight.