

PROTHERM furnaces

Standard Chamber Furnace



- Furnace temperature range: 1100 °C to 1600 °C
- Front loading for easy operation
- Double skin Construction: to maintain a cooler outer case
- PID or programmable controller depends on customer requirement
- Up to 1300 °C furnaces, open wired based models, elements are supported on ceramic tubes: easier for element change and economical
- From 1400 °C furnaces onwards, Protherm use Kanthal Globalbar series Silicon Carbide heating element: for long service life

Model	Max. Temp.	Volume - Liters	Controller	Prices RM
PLF 110/8/Honeywell DC 1010	1100 °C	8	simple PID controller, dual display for set & actual temperature	9,080
PLF 110/15/Honeywell DC 1010	1100 °C	15	simple PID controller, dual display for set & actual temperature	11,200
PLF 110/30/Honeywell DC 1010	1100 °C	30	simple PID controller, dual display for set & actual temperature	16,745
PLF 120/10/PC 442/2	1200 °C	30	Programmable PID controller with single ramp, dual display for set & actual temperature	14,485

Controller for furnaces

Control	Model	Dimensions	Display	Specs.	Alarm	Programming	Number of segments
Honeywell	DC 1010	48 x 48 mm	Dual	PID	Yes	N/A	none
Protherm	PC442/2	72 x 72 mm	Dual	PID	Yes	Yes	2 steps
Honeywell	UDC 2500	96 x 96 mm	Dual	PID	Yes	Yes	12 steps
Protherm	PC442/2	72 x 72 mm	Dual	PID	Yes	Yes	2 steps
Protherm	PC442/6	96 x 96 mm	Dual	PID	Yes	Yes	6 steps
Protherm	PC442/18	72x72mm	Dual	PID	Yes	Yes	18 steps
Protherm	PC442/MP5	72x72mm	Dual	PID	Yes	Yes	5 Prg/20 Steps
Protherm	PC442/MP20	72x72mm	Dual	PID	Yes	Yes	20Prg/30 Steps
Bertrup	TC 40	110 x 160 mm	Single	PI	None	Yes	3 steps
Bertrup	TC 60	110 x 160 mm	Single	P/PID	None	Yes	4 x 5 steps
Bertrup	TC 60/8	110 x 160 mm	Single	P/PID	None	Yes	8 steps



Honeywell DC1010



Protherm PC 442

🔧 Tube furnaces, High temperature furnaces, Ceramic Furnaces, Glass furnaces available upon request