



Prime Incubators



Product Codes ..

PRI/30/TDIG, PRI/50/TDIG, PRI/75/TDIG, PRI/100/TDIG, PRI/125/TDIG, PRI/150/TDIG, PRI/200/TDIG,

Temperature Specifications

Working Range	(Ambient +5)°C to 100°C
Accuracy	< 0.4°C
Resolution	0.1°C
Temperature Sensor	Duplex Pt100A 2+2 wire
Display	°C or °F

Model	Stability@37°C (+/-°C)	Uniformity @37°C (+/-°C)	Heat Up Time* (Mins)	Recovery Time* * (Mins)
PRI/30	0.2	0.9	14	3
PRI/50	0.2	0.9	14	3
PRI/75	0.2	0.9	15	3
PRI/100	0.2	0.9	15	3
PRI/125	0.2	0.9	14	3
PRI/150	0.2	0.9	14	3
PRI/200	0.2	0.9	14	3

* Heat Up Time

** Recovery Time

Ambient to 37°C

Door opened for 30 seconds @ 37°C

Controller Specifications

Colour Touch Screen	3.2in
Control	PID with fuzzy logic
Independent Overheat Shut Down	Manual or Automatic Reset
Onscreen Historical Trending	Up to 48 Hours
On power failure	Selectable Standby Mode or Continuous Run Mode
Calibration	Linear Offset or Zero / Span
Timer	Count Down Timer5000Mins (start/pause on setpoint band)
	8 Stage Profile8 x 999Mins
	Real Time Clock2 on/off per day
Timer Upgrade /10PRO (contact supplier for upgrade)	Multi Profile10 x Stored Profiles
	Cyclic Control 11 to 10 then infinite
	Cyclic Control 22 Set Points, selectable hours
Language selectable	English/German/Spanish/French/Portuguese
Diagnostics	On screen fault analysis
Energy Meter	Integral kWh meter
Data Storage/Export	Optional extra, USB output with 17000 samples (48 hours @ 10 sec sample/60 days @ 300 sec sample)

Environmental Specifications

Working Operational Range	5°C to 40°C
Working Humidity	Max 70% RH, non-condensing
Sound Level	< 48dB (A)
Environment	Indoor Use Only
Altitude	Up to 2000m
IP Rating	IP20
Clearance	Minimum 5cm all sides and rear
	Minimum 10 cm above for ventilation

Electrical Specifications

Voltage
Electrical Connection

230Vac +/-10%
3 Pin Fused IEC plug

50/60Hz

Model Code	Wattage W	Max Current Amps	Max Temp °C	
			@ 20% power	@ 30% Power
PRI/30	500	2.5	110	150
PRI/50	500	2.5	100	145
PRI/75	750	3.5	115	155
PRI/100	750	3.5	110	150
PRI/125	750	3.5	100	145
PRI/150	750	3.5	80	100
PRI/200	1000	4.5	95	145

Internal Design

Model Code	No. of Shelves		Shelf Size mm	Shelf Rating Kg	Max Oven Load Kg	Additional Shelf Code
	Standard	Max				
PRI/30	2	2	356 x 318	25	50	A2407
PRI/50	2	3	483 x 292	25	75	A2408
PRI/75	2	3	483 x 406	25	75	A2410
PRI/100	3	4	483 x 406	25	90	A2410
PRI/125	3	5	483 x 406	25	90	A2410
PRI/150	3	5	489 x 483	25	90	A2461
PRI/200	4	7	489 x 483	25	90	A2461

Build Construction

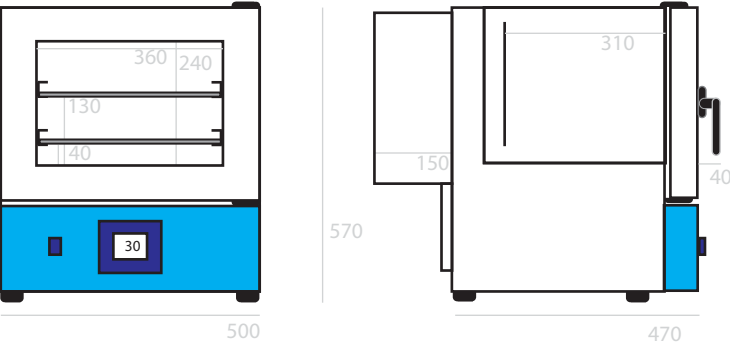
External
Colour
Internal
Door Gasket

Powder Coated Zintec
RAL 7035
304 Mirror Polished Stainless Steel
High Consistency Silicone Rubber - PR 780 / 60, Max temp 320 °C

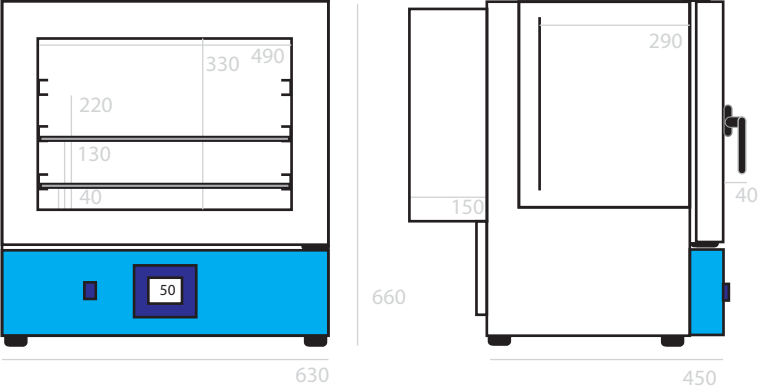
*All technical data is specified when tested at an ambient of 20°C

Dimensions - Prime Ovens

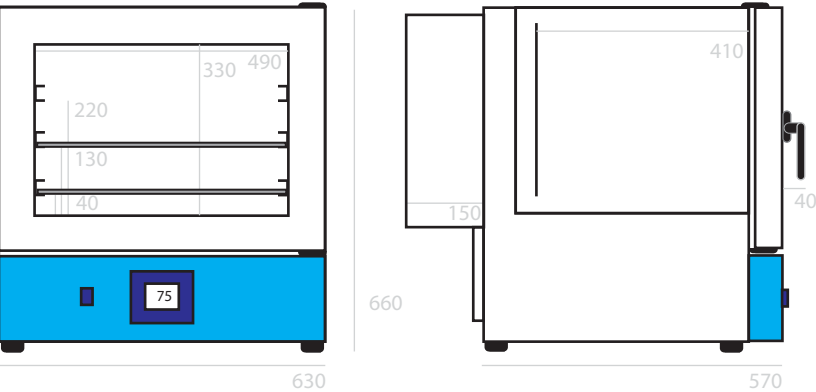
PRI/30



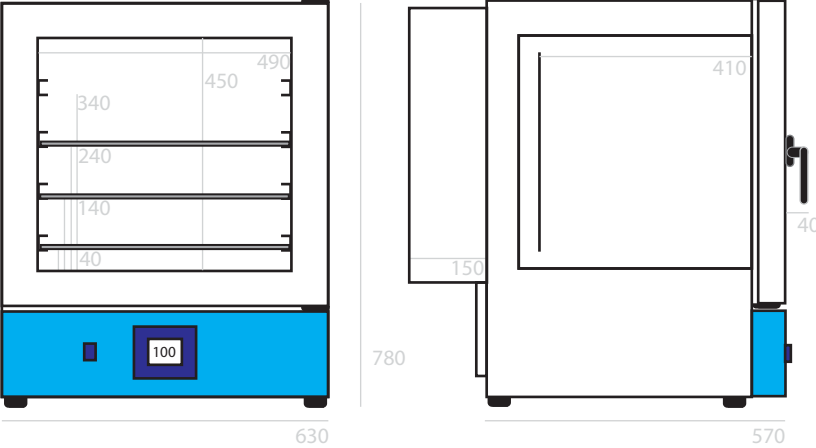
PRI/50



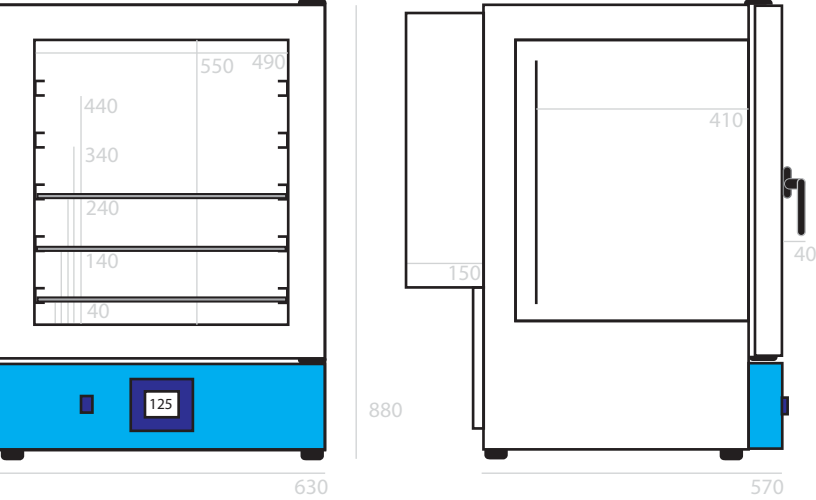
PRI/75



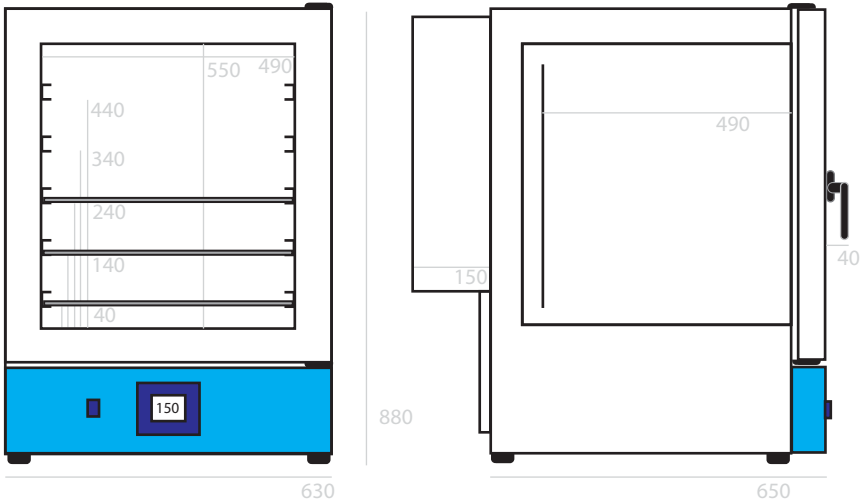
PRI/100



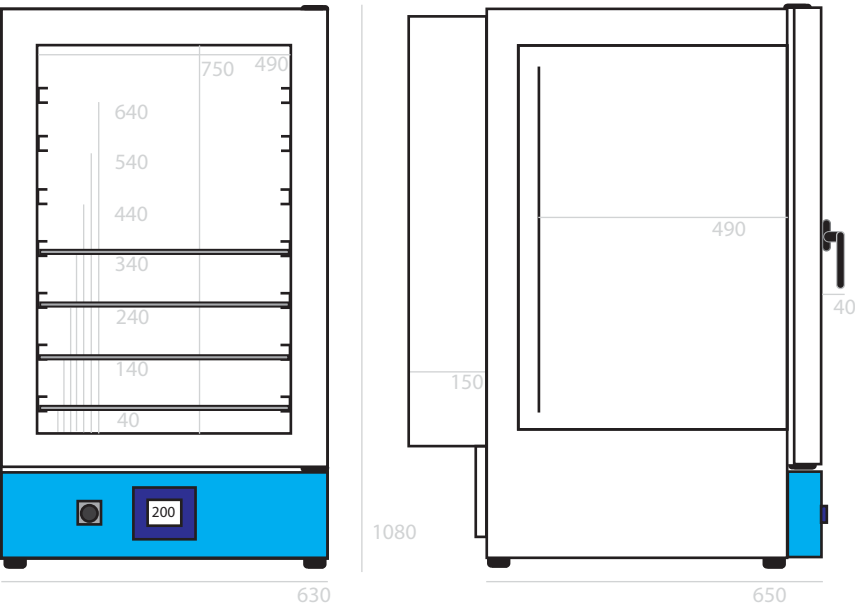
PRI/125



PRI/150



PRI/200





HS Commodity Code	85141100000
Low Voltage Directive	2014/35/EU
EMC Directive	2014/30/EU
Machinery Directive	EU Machinery Regulation (EU) 2023/1230
RoHS Directive	2023/1437EU
Approval Standards	EN 61010-1:2010/A1:2019
	BS EN IEC 61000-6-1:2019
	BS EN IEC 61000-3 2020
	BS EN IEC 61000-6-4:2019
	BS EN 60204-1:2018+A1:2025
	BS-EN7671
	BS-EN61439-2
	BS-EN13849

