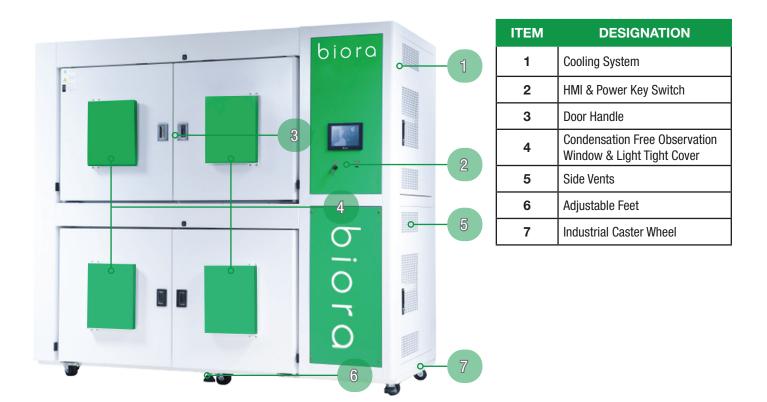
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### 700L SPECIFICATION SHEET BI-RI-PG-700



#### **Weights and Dimensions**

	INTERIOR		ASSEMBLED PRODUCT		SHIPPING	
	Metric (mm)	Imperial (in)	Metric (mm)	Imperial (in)	Metric (mm)	Imperial (in)
Height	700	27.55	2030	79.92	2270	89
Width	1350	53.14	2100	82.67	2360	93
Depth	740	29.13	1110	43.7	1330	52

	NET WEIGHT		GROSS WEIGHT		WEIGHT LIMIT PER TRAY	
	Metric (kg)	Imperial (Ib)	Metric (kg)	Imperial (Ib)	Metric (kg)	Imperial (lb)
Weight	650	1433	830	1830	50	110.2

#### **700L Standard Specifications**

	Working Volume	700 L / compartment	21.19 ft3		
	Growth Area				
	1 Tier	0.88 m2	9.47 ft2		
	2 Tier	1.76 m2	18.95 ft2		
	3 Tier	n/a	n/a		
Growth Range	4 Tier	n/a	n/a		
	Growth Height				
	1 Tier	700 mm	27.55 in		
	2 Tier	330 mm	13 in		
	3 Tier	n/a	n/a		
	4 Tier	n/a	n/a		
	Temperature Control Accuracy	0.1 °C	0.2 °F		
	Temperature Uniformity, at 20°C (68°F)	0.5 °C	1 °F		
	Working Temperature Range, Lights On	10 to 45 °C	41 to 113 °F		
	Working Temperature Range, Lights Off	0 to 60 °C	32 to 140 °F		
	Humidity Setting Accuracy	10	%		
Atmosphere Control	Humidity Fluctuation, at 80% RH Lights Off	(+/-) 10%			
	Humidity Uniformity, at 80% RH Lights Off	(+/-) 10%			
	Humidity Setting Range, Lights On	50 - 85% RH			
	Humidity Setting Range, Lights Off	50 - 95% RH			
	Humidifier Type	Ultrasonic			
	Ramping Capability for Temperature & Humidity	1 P	PM		
	Power Required	230V / 50Hz / 60Hz			
Electrical and	Max. Electrical Current	10A			
Safety	Electrical Safety	Overcurrent NFB protection			
	Compressor Safety	Delay start protection, overload alarm			
	Hot Gas Bypass System	Y			
	Water- or Air-Cooled Condenser	Y			
Cooling Systems	Solenoid Valves	Y			
	Defrosting System (Time Adjustable)	Y			
	CFC Free Refrigerant	Υ			
	Forced Air Circulation	Horizontal (back to front)			

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	Standard LED Light	Z190   Z4N / Z41N / Z4WN   Z9   Z16		
	PAR pmol/m2, at 15cm (PFD)	<400		
	LED Light	LED light Plate		
LED Compatible	LED Lamp tiers (units)	4		
	Plate Size, Depth	400 mm	15.75 in	
	Plate Size, Width	600 mm	23.62 in	
	Plates per Tier	1		
	Adjustable Intensity	0 - 100%		
	Low Heat Load	Y		
	Light Direction	Down	vards	
	Uniformity	Excellent		
	Long life Span	Y		
	Channel Control	1 Channel		
	Fully Programmable	Y		
	LED Touch Screen	177.8 mm	7 in	
	Password	Pin protected, Three-level access		
	Data	USB Connection, Data export and import		
	Historical Data	12 Months		
HMI Control Panel	Alerts	Alarm notifications and records, Low and high temperatu tracking		
	Remote Access	Real-time monitoring of all control processes		
	No. Programs & Steps	Customisable		
	Support	Customised HMI and loo	al engineering support	
	Style	Four Compartment		
	Door	Double door Open right and left outside, safety anti- condensation tempered glass observation window with tight cover		
	Observation Window	Light tight cover, condensation free		
	Exterior Material	Powder coated Steel		
Standard Features	Installation	Four caster wheels with levelling feet		
	HVAC	Internal		
	Shelving Tiers	2 stainless steel tray		
	Interior	Stainless Steel		
	Insulation (PU)	50 mm	1.97 in	
	Power Connection	Mains cable with plug or NFB		