

Galaxy[®] Specifications

		Galaxy 170 R & S	Galaxy 48 R & S	Galaxy 14 S
Chamber	Volume	170 liters / 6.0 cu. ft.	48 liters / 1.7 cu. ft.	14 liters / 0.5 cu. ft.
Temperature Management	Range	4°C above ambient to 50°C	4°C above ambient to 50°C	5°C above ambient to 50°C
	Control	± 0.1°C	± 0.1°C	± 0.1°C
	Stability	± 0.1°C	± 0.1°C	± 0.1°C
	Uniformity	≤ ± 0.3°C	≤ ± 0.3°C	≤ ± 0.2°C
CO₂ Gas Management	Range	0.2 – 20%	0.2 – 20%	0.2 – 20%
	Control	± 0.1%	± 0.1%	± 0.1%
	Stability	± 0.2%	± 0.2%	± 0.2%
	Uniformity	± 0.1%	± 0.1%	± 0.1%
	Recovery (up to 90% setpoint)	0.7%/minute	0.7%/minute	> 0.7%/ minute
	Connections	6mm tubing	6mm tubing	6mm tubing
	Gas Service Pressure	0.35 bar / 5 psi	0.35 bar / 5 psi	0.35 bar / 5 psi
Humidity	Reservoir	Removable stainless pan	Removable stainless pan	Removable stainless pan
	Volume	2.5 liters	0.5 liters	0.3 liters
	RH (@ 37°C)	up to 95%	Normal 90 - 95%	> 90% at 37°C
Shelves	Dimensions per Shelf \emptyset	51.9 x 42.6 cm (20.4" x 16.8")	35.1 x 26.1 cm (13.8" x 10.3")	22.0 x 18.4 cm (8.7" x 7.2")
	Shelves Provided	4	3	2
	Adjustability	R: 8 position. S: 4 position	6 position	4 position
Dimensions		W x D x H	W x D x H	W x D x H
	Chamber (mm)	540 x 451 x 693 mm	401 x 308 x 401 mm	233 x 208 x 294 mm
	Chamber (inches)	21.3" x 17.8" x 27.3"	15.8" x 12.1" x 15.8"	9.2" x 8.2" x 11.6"
	External (mm)	685 x 677 x 848 mm	484 x 475 x 648 mm	313 x 285 x 454 mm **
	External (inches)	27" x 26.7" x 33.4"	19.1" x 18.7" x 25.5"	12.3" x 11.2" x 17.9"
	Shipping Container (mm)	830 x 830 x 1100 mm	630 x 630 x 920 mm	580 x 440 x 400 mm
	Shipping Container (inches)	32.7" x 32.7" x 43.3"	24.8" x 24.8" x 36.2"	22.8" x 17.3" x 15.7"
Electrical	Voltage	120 V & 220 - 240 V, 50/60 Hz	100 - 120 V & 220 - 240V, 50/60 Hz	100 - 120 V & 220 - 240 V, 50/60 Hz
	Power	500 W	500 W	700 W
	Power, High Temp. Option	1000 W	1000 W	N/A
	Consumption to 37°C	< 0.08 kWh	< 0.1 kWh	< 0.06 kWh
Weight	Net	90 kg / 198 lbs	32 kg / 71 lbs	12.5 kg / 28 lbs
	Shipping	115 kg / 254 lbs	50 kg / 110 lbs	18.5 kg / 41 lbs
Warranty	Coverage	Comprehensive 2-year warranty on parts and labor †		
	Maintenance Contracts	Ask your NBS sales representative about our extended maintenance contracts		
Certification		CE Certified		

* Specifications subject to change without notice. All tests performed at ambient temp. of 22°C, the incubator set at 37°C and 5% CO₂. Recovery data follows a 15 second door opening. \emptyset Shelf dimensions are shown wide x deep x high.

** Galaxy 14 S Dimensions are for single unit. When double-stacked, allow 313 x 285 x 887 mm (12.3" x 11.2" x 34.9").

† O₂ sensor has a one year warranty.



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