CO2/NON-CO2 Incubator shakers

Model	IS-18CA (302L)	IS-ACMA (190L)	IS-DCA (170L)	Top-Hinge	CI-191CXA
Product Statement	AEOLUS™ Large Capacity CO2 Incubator Shaker	AEOLUS™ Compact Magnetic Drive CO2 Incubator Shaker	AEOLUS™ CO2 Magnetic Drive Incubator Shaker	Top-Hinge Incubator Shaker IS-RDD3A/IS-RSD3A	AIREA™ CO2 Incubator
Capacity	6 x 5L (Thompson Flask)	4 x 5L (Thompson Flask)	4x4L/5L, 1x6L/7L	4 x 2L	191L (6.75 cu ft)
Max Load	20 kg (44.1 lbs)	10 kg (22.05 lbs)	15kg (33 lbs)	10kg (22 lbs)	15kg (33.06 lbs) per shelf – sliding in and out; 20kg (40.09 lbs) per shelf – stationary
Platform size	900 x 560mm (35.4 x 22in)	560 x 470mm (21.65 x 18.50in)	460 x 460mm (18 x 18in)	450 x 400mm (17.72 x 15.75in)	Includes 4 shelves (can hold up to 13) 472 x 472mm (18.85 x 18.85in)
Internal Working Height	308mm (12.1in)	With shelf 161mm (6.3in) Without shelf 300mm (11.8in)	With shelf 368mm (14.5in) Without shelf 493mm (19.4in)	310mm (12.2in)	N/A
External Dimensions (WxDxH)	1355 x 855 x 535mm (+80mm w/feet) 53.4 x 33.7 x 21in (+3.1in w/feet)	970 x 780 x 530mm (+80mm w/feet) 38.2 x 30.7 x 20.9in (+3.2in w/feet)	745 x 784 x 728mm (+80mm w/feet) 29.3 x 30.9 x 28.7in (+3.2in w/feet)	712 x 687 x 628mm 28 x 27 x 24.7in	700 x 671 x 1012mm 20 x 21 x 27.56in
CO2 Model	Infra-Red (IR) CO2 sensor for precise and reliable CO2 detection	Infra-Red (IR) CO2 sensor for precise and reliable CO2 detection	Infra-Red (IR) CO2 sensor for precise and reliable CO2 detection	N/A	Infra-Red (IR) CO2 sensor for precise and reliable CO2 detection
Active Humidity Model	Max 95%	Max 90%	Passive Humidification Ambient RH-95%	N/A	Natural evaporation from humidity pan
Parallel Static Cultivation	No	Yes	Yes	No	N/A
Orbit Options	CO2 and Non-CO2, 25mm or 50mm orbit models	CO2 and Non-CO2, 3mm, 25mm or 50mm orbit models	25mm and 50mm orbit models available	25mm Orbit	N/A
Temperature Range	Room Temp: -20°C to 60°C Lowest Temp: 4°C	Room Temp: -18°C to 60°C Lowest Temp: 4°C	Room Temp: -18°C to 60°C Lowest Temp: 4°C	Room Temp: -15°C to 60°C Lowest Temp: 4°C (Cooling Model only)	Room Temp: +5°C to 60°C
Speed Range	0 (stop), 30~300rpm	0 (stop), 30~300rpm	25mm 30-400rpm 50mm 30-300rpm	0rpm, 30~400rpm	N/A
Door Opening	Downward swing (optional upward swing door for top unit of triple stack)	Leftward	Rightward	Upward	Rightward
Platform Type	Slideout rail platform	Optional static shelf provides 21.65 x 18.5in platform for parallel cell cultivation and slideout rail platform	Static shelf provides 18 x 18in platform for parallel cell cultivation and fixed platform	Built-in	N/A
Programming Segments	12 Segments	12 Segments	12 Segments	6 Segments	N/A
Sterilization	UV lamps on left and right walls	UV lamps on left and right walls	UV lamp on right wall	N/A	140°C dry heat