

Technical Data Sheet

CO2 Incubator

Kendro Laboratory Products, Inc., Asheville, North Carolin

Specifications	Model Number	
	RMI3000S-9A	
	Application, Rating and Electrical Data	
Application	General and CO2 Cellular Incubation	
Storage Volume	4.1 ft ³ (39 L)	
Heat Distribution	Radiant Wall	
Temperature Rating	+5°C above Ambient to 60°C	
Humidity	Passive, Up to 96% with in-chamber humidity pan	
Gases	Automatic control, CO2 range 0% to 20%	
Electrical Power	115 Volts Single Phase 60 Hz.	
Rated Amps/Breaker	1.5 / 15A	
Power Plug/Power Cord Length	5-15P / 10 ft (3m)	
Sound Pressure Level (dBA)	N/A	
Agency Listings	UL	
Indoor/Outdoor Usage	Indoor Use Only	
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Stable Air Ventilation, 59° F-90° F (15-32°C)	
	Control Features	
Controller Viewing Direction	Below Eye Level, EasyView vacuum fluorescent display	
Power Switch	Keyed Off-On-Alarm	
Controller Type	Microprocessor-Based IntrLogic™ Control	
Setpoint Security	Standard	
Programmable Setpoint	Standard	
Temperature Control Sensor	Control RTD in Chamber	
Temperature Display	Standard, continuous	
Gas Control Sensors	Thermoconductivity	
Gas Supply Tank Switcher	Available only as Free-Standing Option	
CO2 Concentration Display	Standard, continuous	
Humidity Display	Not Available	
Data Logging	Standard, RS485 Protocol and IncuSoft Software - Additional Cable and Adapter required	
Remote Alarm Terminals	Not Available	
Adjustable Warm/Cold Alarms	Standard	
Adjustable Ambient Alarms	Not Available	
Adjustable Gas Alarms	Standard	
Power Failure Alarm	Standard	
Battery back-up for Alarm	Standard	
	Biological Features	
Corner Cleaning	Seamless Rounded Chamber Corners	
Gas Supply Filter	Standard, consumable	
Gas Sample Port	Standard on Rear of Control Compartment	
In-Chamber HEPA Filter	Not Available	
	Dimensions and Construction	
Interior Dimensions:	14"H x 12"F-B x 14"W (355mm x 305mm x 355mm)	
Exterior Dimensions:	18.3"H x 18.5"F-B x 23.5"W (465mm x 470mm x 597mm)	
Insulation	2" (51mm) Fiberglass	
Inner Door	Standard, Tempered	
Porthole Access	Not Available	
Heat	Electric	
Shelves / Capacity	4 Removable Perforated Stainless Steel / Maximum 4	
Legs	Fixed, Not Adjustable	
Ship Weight	60 lbs. / 28 kg.	
Operating Weight	60 lbs. / 28 kg.	
Other Options	Not Available	
	Performance Characteristics	

Gas:	Temperature:	Sensitivity: +/- 0.1°C
Sensitivity: 0.1% CO2	Ambient: 25°C / 50% RH	Stability: +/- 0.1°C
Stability: +/- 0.1% CO2	Load: Empty	Uniformity: +/- 0.4°C
Range: 0 to 20% CO2	Sensor weighting: None	Avg. heat rejection: 500 Btu/hr

- 1) Performance is nominal and individual units may vary.
- 2) Incubator performance will differ due to product amount, product size and operating conditions.
- 3) Continuous product enhancements may, without notice, result in amendments or omissions to this specification. Kendro Laboratory Products cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.