



Model 6UB/6UC

SPECIFICATIONS

	6UB	6UC
Part Number	102279	102479
System Type	Bake-out	Cycling
Cubic Test Volume	370mm x 240mm x 120mm (6U)	
Chamber Dim.	500mm L x 300 mm D	
Upper Temperature	+150°C	
Lower Temperature	Ambient	-150°C
Ave. Ramp Rate	3°C/min	
Platen Grid (M6)	50mm x 50mm	
Temp. Measurement	(6) Type-T Thermocouple input	
TC Accuracy	±0.1% FSR	
Radiation Shielding	Standard	
High Vacuum Pump	Hybrid Turbomolecular Pump	
Turbopump Speed	300 L/s (N ₂)	
Rough Vacuum Pump	Dry Roots Type	
Rough Pump Speed	110 L/min	
Typ. Pumpdown Time	15-20 min (ATM to 5 x 10 ⁻⁵ Torr)	
Ultimate Pressure	8 x 10 ⁻⁷ Torr	
Open User Ports	(2) x ISO 100 LF	
User Interface	7in. Color Touchscreen, TCP/IP	
Data Storage	Internal 32GB, USB, Ethernet	
Integrated Remote VPN	Standard	
Compressed Air	5-7 bar (60-100 psi)	
Air/GN2/Exhaust Connections	8mm (5/16in.) Push-To-Connect Tube Fittings	
LN2 Connection	-	CGA295
Power Requirements	120V/15A/1ph	
System Footprint	0.6m x 1.2m	
Warranty	2 Years	

THERMAL VACUUM SYSTEMS



OPTIONS

Part No.	Option
102181	Tabbed Payload Mounting Rails
103521	Recirculating Fluid Chiller (-35°C to 150°C)
103622	Quartz Viewport
103728	Thermocouple Feedthrough, (6) pair, Type T
103724	Power Feedthrough; (2) SMA, (2) DB9, (2) 15A
103971/2/3	RGA (100/200/300 AMU)
103981	Integrated TQCM

RYDBERG VACUUM SCIENCES

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