

Table 1-3: On-Board 6 Cryopump Specifications

Parameter	Specifications
Rough Pump Connection	NW 25 ISO KF
Purge Gas Connection	VCR-4 Female Nut
Integrated Hardware	Keypad/Display (Optional) Roughing Valve Purge Valve Cryopump TC Gauge 1st Stage Diode 2nd Stage Diode 1st Stage Heater 2nd Stage Heater 2 Setpoint Relays RS-232 Interface
Pumping Speeds: Water Air Hydrogen Argon	2,500 liters/sec 800 liters/sec 1,200 liters/sec 650 liters/sec
Argon Throughput	700 sccm (9 Torr-liters/sec)
Capacity: Argon Hydrogen	500 std. liters 9 std. liters @ 5×10^{-6} Torr
Crossover	100 Torr-liters
Regeneration Time Full (Typical) Fast (Typical)	Less than 162 minutes Less than 60 minutes
Dimensions	Refer to Installation/Interface Drawing
Weight	55 lbs. (25 kg)