

**Table 1-9: On-Board 250F Cryopump Specifications**

Parameter	Specifications
Rough Pump Connection	NW 25 ISO KF
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	6500 liters/sec 2200 liters/sec 3200 liters/sec 1800 liters/sec
Argon Throughput	700 sccm (9 Torr-liters/sec)
Capacity: Argon Hydrogen	1000 std. liters 16 std. liters @ $5 \times 10^{-6}$ Torr
Crossover	150 Torr-liters
Regeneration Time Full (Typical) Fast (Typical)	Less than 198 minutes Less than 90 minutes
Dimensions	Refer to Installation/Interface Drawing
Weight	58 lbs. (26 kg)