



CTI 8F IS OB

Technical Specifications

On-Board IS 8F Cryopump

Integrated Hardware		Roughing Valve Purge Valve Cryopump TC Gauge 1st Stage Diode 2nd Stage Diode 1st Stage Heater 2nd Stage Heater RS-232 Interface
Pumping Speeds	Water	4,000 liters/sec
	Nitrogen	1,500 liters/sec
	Hydrogen	2,200 liters/sec
	Argon	1,200 liters/sec
Argon Throughput at 20K*		250 - 700 sccm (torr-liters/sec)
Capacities	Argon	1000 std. liters @ 5×10^{-6} torr
		750 std. liters @ 5×10^{-7} torr (recovery in 30 seconds)
	Hydrogen	12 std. liters @ 5×10^{-6} torr
	Nitrogen	550 std. liters (recovery to 5×10^{-7} torr in 30 seconds)
Crossover		150 torr-liters
Full Regeneration - Cold to Cold (with 1 minute extended purge)		≤ 90 minutes (1 pump/1 compressor)
		≤ 120 minutes (5 pumps/1 compressor)
Fast Regeneration		≤ 35 minutes (1 pump/1 compressor)
		≤ 60 minutes (5 pumps/1 compressor)
Dimensions		Refer to Installation/Interface Drawing
Weight		67 lbs.
*Depends upon system configuration.		