



# CTI 8F OB

## Technical 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	4000 liters/sec
Air	1500 liters/sec
Hydrogen	2200 liters/sec
Argon	1200 liters/sec
Argon Throughput	700 sccm (9 Torr-liters/sec)
Capacity:	
Argon	1000 std. liters (no recovery metric) 450 std. liters (recovery to $10^{-7}$ in 30 seconds or less)
Hydrogen	12 std. liters @ $5 \times 10^{-6}$ Torr
Crossover	150 Torr-liters
Regeneration Time	
Full (Typical)	Less than 162 minutes
Fast (Typical)	Less than 60 minutes
Dimensions	Refer to Installation/Interface Drawing
Weight	52 lbs. (24 kg)

