



# CTI 250F OB

## Technical Specifications

| Parameter             | Specifications   |
|-----------------------|--|
| Rough Pump Connection | NW 25 ISO KF   |
| Integrated Hardware   | Keypad/Display (optional)<br>Roughing Valve<br>Purge Valve<br>Cryopump TC Gauge<br>1st Stage Diode<br>2nd Stage Diode<br>1st Stage Heater<br>2nd Stage Heater<br>2 Setpoint Relays<br>RS-232 Interface |
| Pumping Speeds:       |  |
| Water                 | 6500 liters/sec  |
| Air                   | 2200 liters/sec  |
| Hydrogen              | 3200 liters/sec  |
| Argon                 | 1800 liters/sec  |
| Argon Throughput      | 700 sccm (9 Torr-liters/sec)   |
| Capacity:             |  |
| Argon                 | 1000 std. liters   |
| Hydrogen              | 16 std. liters @ $5 \times 10^{-6}$ Torr   |
| Crossover             | 150 Torr-liters  |
| Regeneration Time     |  |
| Full (Typical)        | Less than 198 minutes  |
| Fast (Typical)        | Less than 90 minutes   |
| Dimensions            | Refer to Installation/Interface Drawing  |
| Weight                | 58 lbs. (26 kg)  |

