

CDT SERIES



OPTICAL DISK UNIT

DESIGNED TO HANDLE YOUR NEEDS FOR OPTICAL DISK INJECTION MOLDING

The CDT Series Optical Disk Unit can be configured in either four or six zones that include moving and stationary mold half zones and sprue and punch zones.

Standard features include: 3 kW heaters, air purge, manual bypass and 3/4" female NPT to and from process connections terminated in ball valves. The liquid-filled water supply pressure gauge, NEMA 12 electrical enclosure and rotary, through-the-door disconnect switch are also standard.

Features

- Process pumps available in .67 or 1.5 hp
- 1/4" x 9/32" orifice cooling valves
- 3/4" female NPT common cooling water in and cooling water out connections terminated in ball valves
- Liquid-filled water supply pressure gauge
- 1/8" male NPT common air purge connection
- Individual 1/16th DIN controllers with a separate 24-hour time clock for automatic startup and shutdown
- All non-ferrous construction
- Cooling valve and heater

Options

- NEMA-4/4X enclosure/entire unit
- Drain valve
- Hour meter
- Audible/visual alarms
- Remote mountable controls
- Lexan cover
- Communications—RS485/SPI, RS232&485/GEN, 4-20 mA or 0-5 Vdc PV input and retransmission
- Multi-port manifold
- Controllers: Sterling 4000, Off-the-shelf 1/4 DIN PID
- Cooling device (Closed circuit)
 - Shell & tube heat exchanger assembly for cooling - 3.9 sq. ft, 6.7 sq. ft.



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	Pump Capacity	Heaters	Operating Temp.	Voltage	Controller	Dimensions W x H x D	Shipping Weight
Moving & Stationary Zones	1.5 hp 11 gpm	3 kW	250°F (121°C)	3/60/208-230-460	Sterling 2000	18"x54"x37"	365 lbs
Sprue & Punch Zones	.67 hp 5 gpm	3 kW	250°F (121°C)				

