



HEAT & COOL

TCU SERIES OPTICAL DISK UNITS



STANDARD FEATURES

- Four or six zone configurations
- Operating range: 0°F to 250°F (-18°C to 121°C)
- Moving and stationary mold half zones
- Sprue and punch zones
- Process pumps available in .67 hp or 1.5 hp
- 3kW heater
- 1/4" x 9/32" orifice cooling valve
- Air purge
- Manual bypass
- 3/4" female NPT To and From Process connections; 1-1/2" female NPT common Cooling Water In and Cooling Water Out connections, terminated in ball valves
- 1/8" male NPT common air purge connection
- Liquid filled "To Process" and "Water Supply" pressure gauges
- 1/16th DIN controllers with separate 24-hour timer
- NEMA 12 electrical enclosure
- Rotary through-the-door disconnect switch
- Each zone individually wired and plumbed so that entire zone can be removed/replaced as a single piece



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WHITLOCK/
MATERIAL
HANDLING



HEAT & COOL



BLEND &
RECLAIM



NELMOR/
GRANULATE



DOWNSTREAM
EXTRUSION



AUTOMATE



SYSTEMS
CONTRACTING



SERVICE



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ADDITIONAL FEATURES

1/16th DIN controllers come with separate 24-hour timer.



To meet strict clean room specifications, the optional magnetically coupled pumps require no seal changes.



The top two zones are Sprue and Punch zones. The bottom two zones are moving and stationary halves. A second set of Sprue and Punch zones is added for DVD molding.



3 kW heater and 1/4" x 9/32" cooling valve establish and maintain precise, uniform temperatures.



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