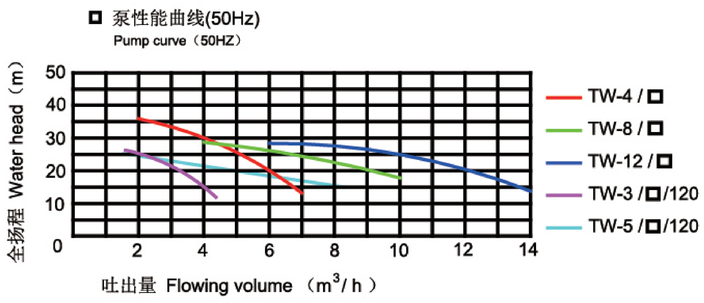
TW3-12

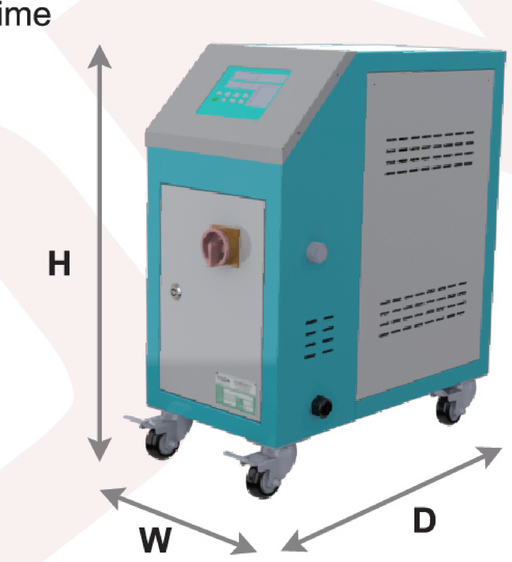
TCON

标准特点：
◆常规显示：设定温度、实际出媒温度、泵浦电流值、回媒温度（选项）
◆运行状态显示：电源、运行、故障、加热、冷却
◆报警保护：相序保护、媒体不足、泵浦过载、电热超温、感温故障、温度过高、温度过低、数据出错、温差过大、加热失效、冷却失效
◆开机、关机定时设定功能
◆停机降温保护功能：停机时温度降到设定温度（0-35°C）后自动停机
◆出媒、回媒温差报警：出媒温度和回媒温度差大于设定温度（0-10°C）时报警
◆强制冷却功能：换模具前强制快速冷却, 节省换模时间



Standard features:
◆Display in LED: setting temperature, actual temperature, pump current value;return temperature (option)
◆Process display: power, running, heating, cooling and error in the LED lights
◆Alarm and protections: phase sequence, insufficient media, pump and thermal overload, heating over, sensor error, high and low temperature, data error, hight temperature difference, heating and cooling effect
◆Start and shutdown timer
◆Shutdown protection function: automatically shutdonw after process temperature is low down (0- 35 ° C)
◆Medium temperature alarm: process and return temperature difference is greater more than (0-10 ° C)
◆Forced cooling function: forcing rapid cooling befor changing mold for saving the time

주요특점:
◆기본 디스플레이:온도설정、실제출력온도、리턴온도(옵션)、펌프전류치
◆프로세스 디스플레이:전원、가동、고장、가열、냉각
◆경보보호:위상서열보호、압력공급미달、펌프과적재、가열고온、선서에러、고온、저온、데이터에러、온차과대、가열실효、냉각실효
◆스타트、셔트다운 타이머 설정기능
◆셔트다운온도하강보호기능:셔트다운시 설정온도（0-35°C）까지 하강하여 자동정지
◆출력온도、리턴온도차경보:출력온도와 리턴온도 차가 설정온도（0-10°C）보다 높을 시 경보
◆강제냉각기능:금형교환 전 강제로 고속냉각시켜 금형교환시간을 절감

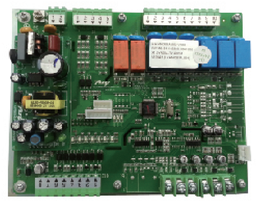


Technical Specifications		TW-4 /□	TW-8 /□	TW-12 /□	TW-3 /□ / 120	TW-5 /□ / 120
加热功率/Heating power □	kW	03 / 06 / 09	12 / 15	18 / 24	03 / 06 / 09	12 / 15
导热媒体/Medium		清水/ City water				
使用温度/Temperature	°C	Max. 95	Max. 95	Max. 95	Max. 120	Max. 120
水泵功率/Pump power	kW	0.75	1.1	2	0.37	0.55
最大压力/Max.pressure	kg/cm²	3.5	2.8	2.8	3	3
最大流量/Max.flow	l / min	100	150	200	60	120
冷却方法/Cooling method		直接冷却/ Direct cooling				
热媒配管/Hot medium pipe diameter		PT 3/8" *4 (2×2)	PT 3/8" *8 (4×4)	PT 1" *2 (1×1)	PT 3/8" *4 (2×2)	PT 3/8" *8 (4×4)
冷却水配管/Cooling pipe diameter		PT 1/2"				
冷却水压力/Cooling water pressure	kg/cm²	1.0	1.0	1.0	2.5	2.5
冷却能力/Cooling capacity	kW	8	12	12	8	12
安装功率/Tot. installed power	kW	4 / 7 / 10	13.5 / 17.5	20 / 26	3.5 / 6.5 / 9.5	13 / 17
电压/Voltage	V/Hz	380/50	380/50	380/50	380/50	380/50

Dimensions		TW-4/03(06 /09)	TW-8/12(15)	TW-12 /18 (24)	TW-3/03(06/09)/120	TW-5 /12 (15)/120
H	mm	620	730	770	730	730
W	mm	260	330	450	330	330
D	mm	600	640	810	640	640

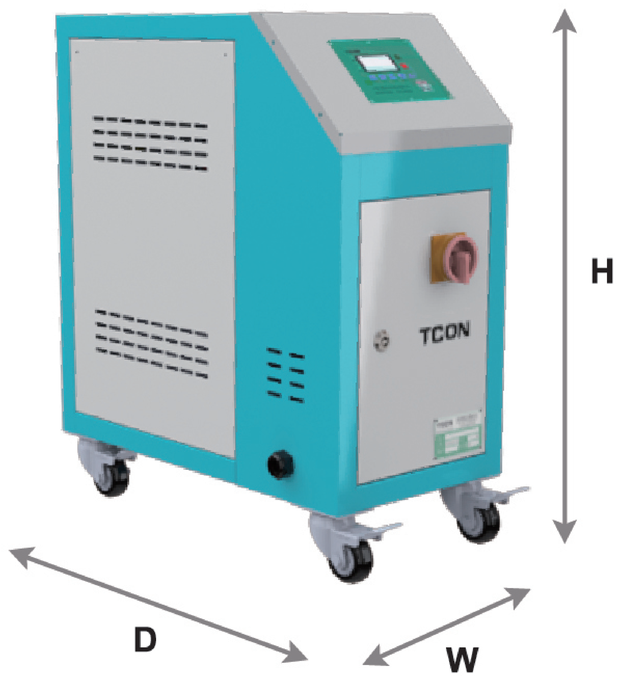
TO3-4

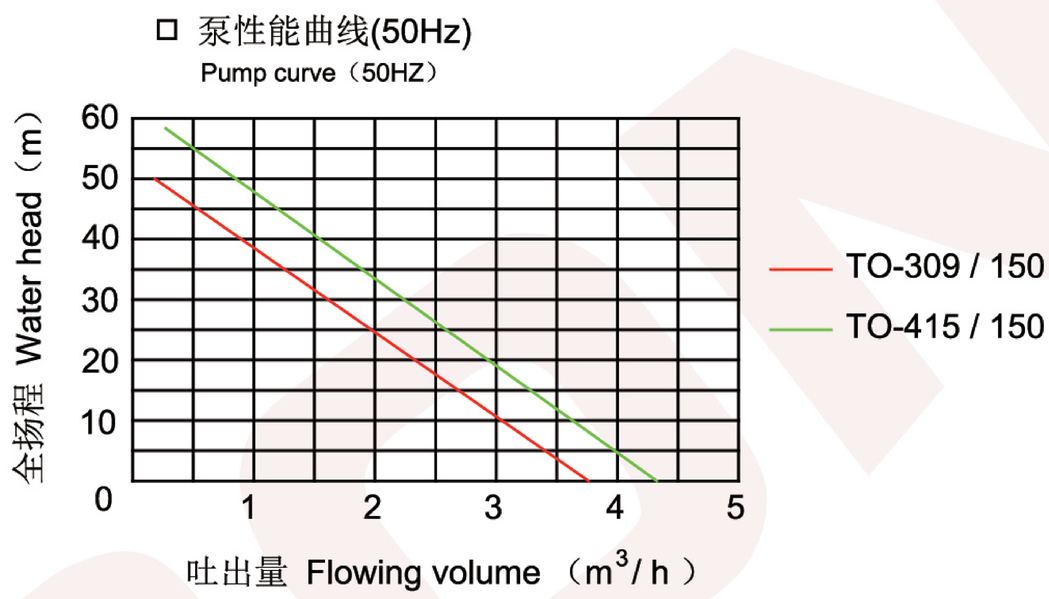
TCON



多功能高精密控制器功能：

- ◆设定温度、回油温度、泵电流 时时检测和数字显示
- ◆电源相序、泵过载、加热不良、冷却不足、媒体不足、系统超高温、感温故障，多功能保护功能
- ◆温度偏差报警
- ◆快速冷却
- ◆预约功能，定时开关机，定时更换导热油、加热管、电磁阀等
- ◆设备状态监控：历史故障查询，实际运转时间、累计运转时间、故障停机时间、故障累计时间
- ◆多语言：中/英文切换





Technical Specifications		TO-306 / 150	TO-309 / 150	TO-412 / 150	TO-415 / 150
加热功率/Heating power	kW	6	9	12	15
导热媒体/Medium		合成导热油（Heat medium oil）	合成导热油（Heat medium oil）	合成导热油（Heat medium oil）	合成导热油（Heat medium oil）
使用温度/Temperature	°C	Max. 150	Max. 150	Max. 150	Max. 150
油泵功率/Pump power	kW	0.75	0.75	0.75	1.0
最大压力/Max.pressure	kg/cm²	2	2	2	3
最大流量/Max.flow	l / min	50	50	50	70
冷却方法/Refrigerating method		间接冷却（Indirect cooling）	间接冷却（Indirect cooling）	间接冷却（Indirect cooling）	间接冷却（Indirect cooling）
热媒配管/Hot medium pipe diameter		PT 3/8" *4 (2×2)	PT 3/8" *4 (2×2)	PT 3/8" *4 (2×2)	PT 3/8" *8 (4×4)
冷却水配管/Cooling pipe diameter		PT 1/2"	PT 1/2"	PT 1/2"	PT 1/2"
冷却水压力/Cooling water pressure	kg/cm²	1.0	1.0	1.0	1.0
冷却能力/Cooling capacity	kW	12	12	12	12
安装功率/Tot. installed power	kW	7	10	13	16
电压/Voltage	V/Hz	380/50	380/50	380/50	380/50

Dimensions		TO-306 / 150	TO-309 / 150	TO-412 / 150	TO-415 / 150
H	mm	730	730	770	770
W	mm	330	330	450	450
D	mm	640	640	810	810