



## 压铸专用模温机

Special mold temperature controller for die casting

### 特点

- ◆ 防爆装置(选购)
- ◆ 回油温度显示表
- ◆ 开机自动排气功能
- ◆ 油泵反抽回油功能
- ◆ 加热功率切换功能
- ◆ 隔离式电器控制箱, 延长电器使用年限
- ◆ 负压系统运转(选购)
- ◆ RS485 通讯功能, 实现自动化管理(选购)
- ◆ 实时冷却回油关机功能
- ◆ 热油 BY-PASS 泄压回路
- ◆ 油泵马力和加热功率可订作
- ◆ 全系列采用德国司倍克 SPECK 油泵(磁力驱动泵、永不漏油)
- ◆ 全系列采用欧美高温管路组件
- ◆ 电器采用 OMRON. FUJI. TE. LG. MOELLER. ABB. WEST.
- ◆ 温度控制范围: 进油温度+25°C→350°C
- ◆ 不锈钢一体管路, 减少管阻及锈垢
- ◆ 控制方式: 采用进口微电脑或(选购)PLC 控制
- ◆ 安全保护完善, 故障显示, 维修、保养无需专业人员

### FEATURES

- ◆ Explosion-proof device (optional)
- ◆ Thermometer for return oil
- ◆ Automatic air-exhausting function after startup
- ◆ Return oil back suction of oil pump
- ◆ Switchover of heating power
- ◆ Isolated electric box for longer services lives of electric appliances
- ◆ Negative-pressure system (optional)
- ◆ RS485 communication function for automated management (optional)
- ◆ Instant cooling return oil shut-down function
- ◆ BY-PASS pressure release loop for hot oil
- ◆ Customizable horsepower and heating power of oil pump
- ◆ SPECK oil pumps (magnetic pumps never suffering from oil leakage) imported from Germany for all series products
- ◆ American and European high-temperature pipeline components for all series products
- ◆ Brands OMRON, FUJI, TE, LG, MOELLER, ABB and WEST for electric appliances
- ◆ Range of temperature control: +25°C→350°C for incoming oil
- ◆ stainless steel integrated pipelines for less pipe resistance and rust
- ◆ Control mode: imported microcomputer or PLC (optional)
- ◆ Perfect safety protection, fault display, easy repair and maintenance even without professionals



### 应用范围:

锌、镁、铝合金压铸模具控温、高温热压成型模板控温、及其它高温精密控温。

### Application Range:

Zinc, magnesium, aluminum alloy die casting mould control temperature, high temperature hot pressure molding template control temperature And other high temperature precision temperature control

### 规格 SPECIFICATIONS

项目	ITEM	单位 UNIT	DHO-18	DHO-36	DHO-48	DHOT-18	DHOT-36	DHOT-48
温控范围	Temp control range		进油温 +25° C~350° C Inlet Oil temperature +25° C~350° C					
温控精度	Temp control accuracy		PID±1° C					
电源	Power supply		AC3 φ 380V 50HZ					
传热媒体	Heat transfer medium		导热油 Conduction oil					
冷却方式	Cooling method		间接冷却 Indirect Cooling					
冷却功率①	Cooling capacity	kw	30	30	30	30	30	30
膨胀箱容量	Expansion tank	l	25	25	30	42	42	50
加热能力	Heating capacity	kw	9×2	18×2	24×2	18+18	36+36	48+48
泵浦功率	Pump power	kw	0.55	1.1	2.8	0.55+0.55	1.1 + 1.1	2.8+2.8
泵浦流量	Pump flow	l/min	35	60	100	35+35	60+60	100+100
泵浦压力	Pump pressure	kg/cm <sup>2</sup>	5.0	5.5	6.8	5.0+5.0	5.5+5.5	6.8 + 6.8
最大电力消耗	Max. power consumption	kw	19	26	52	38	52	104
特殊功能	Special function		泵浦反转回油 Oil return by pump reversal					
警报功能	Alarm function		缺相/缺油/超温/过载/溢油/加热异常警报 Pump Reversal/Oil Shortage/ Overheating /Overload/Oil Overflow					
冷却水配管	Cooling water pipe	inch	1/2	1/2	1/2	3/4	3/4	3/4
循环油配管	Circulating oil pipe	inch	3/4	3/4	1	3/4*2	3/4*2	1*2
外型尺寸	Size (L×W×H)	mm	1150×420×1000	1150×420×1000	1350×500×1150	1285×650×1200	1285×650×1200	1385×650×1400
备注:	1. 冷却水量 20 l/min(30° C. 1kg/cm <sup>2</sup> ), 媒体流量 50~100 l/min. 2. 以上冷却功率为我司标准 0.1 平方换热面积, 可根据客户实际特殊要求另行设计.							
Remark:	I. Volume of cooling water 20 l/min (30° C. 1kg/cm <sup>2</sup> ), medium flow 50~ 100 l/min. II. The above cooling capacity matches standard heat transfer area of 0.1 square. Some special specifications may be customized.							

以上规格如有变更, 恕不另行通知, 特殊规格可另行设计改造。The specifications above are subject to changes without notice. Some special specifications may be customized.