

暉吉—特殊温控专家

- 暉吉能够为客户提供:
- » 高性能温度控制单元
 - » 根据要求设计制造您所需求的专用温度控制系统
 - » 供货周期短和具有竞争力的价格
 - » 从设计到制造的一站式解决方案
 - » 先进的配套技术和完善的售后服务
 - » 我们的生产基地: 台湾.广州.苏州

Since 1987

公司简介 Company Profile

暉吉(纬吉)公司多年来以生产及销售模温控制机、温控单元、冰水机为主，并辅助销售其他塑料周边设备。多年来不断创新、提升品质，与多家全球著名的德国机械制造企业，以及国内众多的橡胶、电缆、塑料、压铸、硫化机械、数十家著名的印刷机械设备生产企业长期保持紧密的配套合作关系，获得良好的口碑及极高的评价，已成为模温机、温控单元、冰水机行业中的顶端品牌。

为了开拓广大的市场，2001年成立暉吉精机实业(广州)有限公司，2009年成立苏州暉吉精机有限公司，两岸三地同时生产销售服务广大客户。暉吉产品在橡胶、塑料、印刷、硫化、压铸、轮胎、吹瓶、光学、电子通讯、医药化工、挤出生产线、电缆生产线、纺织、皮革制造业等行业发光发热，提升生产线的产量和品质，节约成本，增加竞争力。

暉吉公司创立于1987年，暉吉(纬吉)公司凭着二十多年的专业设计技能及制造经验，设备温控范围从-30~350°C，为客户提供一流品质的加热.冷却.温控单元设备。

WEI CHI has mainly produced and sold mold temperature controller & temperature control unit & chiller and other plastic ancillary equipments for many years. We continually innovate and improve quality. Besides, we have cooperated with a number of world-famous German machinery manufacturing enterprises, many domestic rubber, cable, plastic, die-casting, vulcanizing machine equipment manufacturing enterprises and dozens of well-known domestic printing machinery equipment manufacturing enterprises for a long time. And we obtain a good reputation and extremely high appraise. WEI CHI has become a top brand in the mold temperature controller & temperature control unit & chiller industry.

For opening domestic market, WEI CHI MACHINERY ENTERPRISE (GUANG ZHOU) CO., LTD was established in 2001, SUZHOU WEICHI MACHINERY CO., LTD was founded and put into production in 2009, nowadays three companies give service to customers at the same time. WEI CHI products suit for extruder production line, rubber, tyre, chemical, die casting, textile, printing, leather, blow molding, automobile, communication, electron, photics, pharmaceutical and other different industries, which improves production lines' output and quality, saves cost and increases competitiveness.

WEI CHI was established since 1987. With more than 20 years' professional design skills and manufacturing experience, its temperature control range is from -30°C to 350°C. We can supply the heating, cooling and temperature control unit equipments with first-class quality to satisfy customers.

暉吉为客户提供专业，贴心的售前、售后服务，服务细节如下:

- 1) 随时随地为用户提供全方位的技术支持及全方位的技术培训。
- 2) 售机三月内，我们提供每月例行检查服务，对机器进行维护、保养。
- 3) 接到售后电话，技术人员将在24小时内抵达用户工厂，立即进行维修工作。

WEI CHI-EXPERT OF TEMP.CONTROLLER

- WEICHI company can provide these below for customer:
- » High-performance rubber machine temperature control unit
 - » Designing the special temperature control system based on your requirement
 - » Competitive price and short delivery cycle
 - » One-stop solution from design to manufacturing
 - » A complete set of advanced technology and perfect after-sales service
 - » Our production base: Taiwan. Guangzhou. Suzhou
- <http://www.weichigz.com> [http://www.weichigz.cn\(英文版English\)](http://www.weichigz.cn(英文版English))

▲ 一般射出成型水温机	02
Water circulation temp controller	
▲ 高精度水温控制机	02
High-precision water circulation temperature controller	
▲ 光碟专用模温机	02
Mold-temperature controller for CD molding	
▲ 150°C/180°C高温水温机	03
High temp water circulation temperature controller of 150°C/180°C	
▲ 一般射出成型油温机	04
Oil circulation temp controller	
▲ 300°C高温油温机(采用SPECK350°C磁力驱动泵浦机型)	05
High temp oil circulation temp controller of 300°C	
▲ 300°C/350°C大流量,大功率高温油循环模温机(油加热器)	06
Large heating power-pump flow rate oil temp controller of 300°C/350°C (oil heater)	
▲ 压铸专用模温机	07
Mold-temperature controller for die casting	
▲ 橡胶(塑料)机械模温机	08
Temp controller for rubber(plastic) machine	
▲ 挤出机专用模温机	08
Mold-temperature controller for extrusion molding	
▲ 大功率橡胶(塑料)机械模温机	09
Large heating power temp controller for rubber(plastic) machine	
▲ 水冷式冰水机	10
Water cooled chiller	
▲ 气冷式冰水机	10
Air cooled chiller	
▲ 螺旋冰水机	11
Screw type chiller	
▲ 轧轮(辊筒)控温油循环模温机	
Oil temp controller for roller	
▲ 化工反应炉控温模温机	
Rapid heat & cool mold temperature controller	
▲ 蒸汽/热油加热模温机	
Steam heating/oil heating mold-temperature controller	
▲ 大型温度控制系统	
Large temp control system	
▲ 箱型冰水机	
Box type chiller	



生产基地 广州
Production Base Guangzhou



生产基地 苏州
Production Base Suzhou



生产基地 台湾
Production Base Taiwan

机型特点 MODEL FEATURES

- 1、最高使用温度120℃/150℃，精度±1℃ / ±0.1℃
Highest temperature reaching 120℃/150℃, precision ± 1℃ / ± 0.1℃
- 2、微电脑触摸式, 操作简单
The panel control adopted micro,easy operation.
- 3、开机自动排气功能
Automatic exhaust function as starting up the machine
- 4、自动冷却关机
Power off with automatic temp.descending
- 5、出水、回水温度显示
Inlet and outlet with temp. display meter
- 6、管路防爆装置
Inside pipe with safety explode-proof valve
- 7、模具回水功能 (选购)
Clean mold(Option)
- 8、OMRON、FUJI、TE控制零件
Electric parts use OMRON、FUJI、TE
- 9、无接点固态继电器控制加热【WRD系列】
S.S.R. control 【WRD】
- 10、不锈钢管路, 减少管阻及锈垢
Medium circulation pipe with stainless,reduces pipe block
- 11、故障显示, 维修不用专业人员
Complete with safety protection and error indication system for easy operation
- 12、PLC控制(选购)
PLC Control(optional)



应用范围: 射出成型模具控温、押出成型、辊轮加温、橡胶机械温度控制
APPLICATION RANGE: Injection mould temp.control, extrusion screw , barrels, calenders temp.control

应用范围: 射出成型、导光板、光学镜头、光碟、连接器之射出成型
APPLICATION RANGE: Optical lens, CD, DVD, connector injection mould Temp. control

机型特点 MODEL FEATURES

- 1、最高温度可达150℃或180℃
Highest temperature reaching 150℃ or 180℃
- 2、微电脑触摸式, 操作简单
The panel control adopted micro,easy operation.
- 3、开机自动排气功能
Automatic exhaust function as starting up the machine
- 4、自动冷却关机
Power off with automatic temp.de scending
- 5、出水、回水温度显示
Inlet and outlet with temp.display meter
- 6、管路防爆装置
Inside pipe with safety explode-proof valve
- 7、模具回水功能 (选购)
Clean mold(Option)
- 8、OMRON、FUJI、TE控制零件
Electric parts use OMRON、FUJI、TE
- 9、不锈钢管路, 减少管阻及锈垢
Medium circulation pipe with stainless,reduces pipe block
- 10、故障显示, 维修不需专业人员
Complete with safety protection and error indication system for easy operation
- 11、液位控制器
Level controller
- 12、PLC控制(选购)
PLC Control(optional)



应用范围: 射出成型模具控温、押出成型、辊轮加温
APPLICATION RANGE: Injection mould temp.control, extrusion screw,barrels, calenders temp.control

规格 SPECIFICATIONS

机 型 Model	单 位 UNIT	WMD-05	WMD-10	WMD-20	WMD-30	WMDD-10	WMDD-20	WRD-07	WRD-15	WHD-10	WTD-15	WTD-10	WTD-20	WTD-30
温 控 范 围 Control range	℃				40℃-120℃				40℃-150℃					
温 控 精 度 Temp.control accuracy	℃				± 1				± 0.1					
电 源 Power					3 φ 380V50HZ (or other)或其它									
传 热 媒 体 Heat transfer medium					水 Water									
冷 却 方 式 Cooling method					直接冷却 DIRECT COOLING									
加 热 能 量 Heating capacity	KW	6	8	10	10	8+8	10+10	6	8	8	10	10	12/16	16/18
泵 浦 马 力 Pump power	HP	1/2	1	2	3	1+1	2+2	0.7	1.5	1	1.5	1	2	3
最 大 泵 流 量 Max. flow rate	L/MIN	80	120	200	250	120	200	35	68	60	68	120	200	250
系 统 压 力 System pressure	KG/CM ²	3	4	4.5	4.5	4	4.5	7	9	6	10	10	10	10
冷 却 入 水 压 力 Cooling water supply	KG/CM ²	2	2	2	2	2	2	5	5	1/2	1/2	1/2	1/2	1/2
最 大 电 力 消 耗 Power supply	KW	6.5	9	11.5	12	17	23	6.5	9	8.75	11	10.75	13.5/17.5	18/20
冷 却 水 配 管 Cooling water pipe	INCH	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
循 环 水 配 管 Circulation water pipe	INCH	3/8x2	3/8x4	3/8x4	(3/8x4)x2	(3/8x4)x2	3/8x2	3/4		3/8x4	3/8x4	3/8x4	1	1
外 型 尺 寸 LxWxH	CM	63x32x65	63x32x65	68x32x68	68x32x68	82x34x92	92x34x97	63x32x65	63x32x65	65x32x85	65x32x85	65x32x85	85x32x85	85x32x85
重 量 Weight approx	KG	70	75	80	90	140	155	55	65	80	95	90	100	110

特殊规格及多机一体机型可订制! Special design upon request

特殊规格及多机一体机型可订制! Special design upon request

机型特点 MODEL FEATURES

- 1、最高使用温度200℃
Highest temperature reaching 200℃
- 2、微电脑触摸式,操作简单
The panel control adopted micro ,easy operation
- 3、开机自动排气功能
Automatic exhaust function as starting up the machine
- 4、自动冷却关机
Power off with automatic temp.descending
- 5、出油、回油温度显示
Outlet and inlet with temp. digital display meter
- 6、模具回油功能 (选购)
Clean mold(Option)
- 7、OMRON、FUJI、TE控制零件
Electric parts use OMRON、FUJI、TE
- 8、不锈钢管路,减少管阻及锈垢
Medium circulation pipe with stainless,reduces pipe block
- 9、故障显示,维修不需专业人员
Complete with safety protection and error indication system for easy operation
- 10、PLC控制(选购)
PLC Control(optional)



应用范围: 射出成型、模具控温、压出成型控温

APPLICATION RANGE: Injection machine、extrusion machine、calender machine

规格 SPECIFICATIONS

机 型 Model	单 位 UNIT	OHD-05	OHD-10	OHD-20	OHD-30	OHDD-05	OHDD-10	OHDD-20
温 控 范 围 Control range	℃	60℃-180℃			60℃-200℃			
温 控 精 度 Temp.control accuracy	℃				±1			
电 源 Power				3 φ 380V50HZ (or other)或其它				
传 热 媒 体 Heat transfer medium				传热油HEAT TRANSFER OIL				
冷 却 方 式 Cooling method				间接冷却INDIRECT COOLING				
加 热 能 量 Heating capacity	KW	6	9	9	18	6+6	9+9	9+9
泵 浦 马 力 Pump power	HP	1/2	1	2	3	1/2+1/2	1+1	2+2
最 大 泵 流 量 Max. flow rate	L/MIN	80	60	90	250	80+80	60+60	90+90
最 大 泵 压 力 Max.pump pressure	KG/CM ²	2	3.5	4	3.2	2	3.5	4
贮 油 量 Expansion tank capacity	LITER	10	10	10	10	35	35	35
冷 却 水 配 管 Cooling water pipe	INCH	1/2	1/2	1/2	1/2	1/2	1/2	1/2
循 环 油 配 管 Circulation oil pipe	INCH	3/8x2	3/8x4	3/8x4	1	(3/8x2)x2	(3/8x4)x2	(3/8x4)x2
外 型 尺 寸 LxWxH	CM	74x32x77	74x32x77	74x32x77	114x45x110	102x45x103	102x45x103	102x45x103
重 量 Weight approx	KG	80	73	87	110	150	155	170

特殊规格及多机一体机型可订制! Special design upon request

机型特点 MODEL FEATURES

- 1、最高使用温度300℃
Highest temperature reaching 300℃
- 2、微电脑触摸式,操作简单
The panel control adopted micro ,easy operation.
- 3、开机自动排气功能
Automatic exhaust function as starting up the machine
- 4、自动冷却关机【 OTD系列】
Power off with automatic temp.descending【 OTD】
- 5、出油、回油温度显示
Outlet and inlet with temp. digital display meter
- 6、模具回油、泵返抽功能 (选购)【 OTD】
Clean mold (Option).【 OTD】
- 7、泵马力及加热器能量可订作
Pump capacity and Heater capacity may special manufacture for customer
- 8、OMRON、FUJI、TE控制零件
Electric parts use OMRON、FUJI、TE
- 9、不锈钢管路,减少管阻及锈垢
Medium circulation pipe with stainless,reduces pipe block
- 10、故障显示,维修不需专业人员
Complete with safety protection and error indication system for easy operation
- 11、PLC控制(选购)
PLC Control(optional)



应用范围: 滚轮加温、射出成型模具控温、捏合机加温、锌铝合金压铸、镁合金射出成型、油加热器

APPLICATION RANGE: Roller machine、injection machine、kneader machine、die-casting machine

规格 SPECIFICATIONS

机 型 Model	单 位 UNIT	OTD-07	OTD-15	OTD-40	OTD-55
温 控 范 围 Control range	℃			60℃-300℃	
温 控 精 度 Temp.control accuracy	℃		±1		
电 源 Power				3 φ 380V50HZ (or other)或其它	
传 热 媒 体 Heat transfer medium				传热油HEAT TRANSFER OIL	
冷 却 方 式 Cooling method				间接冷却INDIRECT COOLING	
加 热 能 量 Heating capacity	KW	9	12/18	24/36/48	24/36/48
泵 浦 马 力 Pump power	HP	0.7	1.5	4	5.5
最 大 泵 流 量 Max. flow rate	L/MIN	35	65	100	200
最 大 泵 压 力 Max.pump pressure	KG/CM ²	7.2	6.5	13	11
贮 油 量 Expansion tank capacity	LITER	10	10	30	50
冷 却 水 配 管 Cooling water pipe	INCH	1/2	1/2	1/2	3/4
循 环 油 配 管 Circulation oil pipe	INCH	1/2	3/4	1	1-1/4
外 型 尺 寸 LxWxH	CM	74x32x77	74x32x85	114x45x110	140x60x140
重 量 Weight approx	KG	73	110	200	230

特殊规格及多机一体机型可订制! Special design upon request



机型特点 MODEL FEATURES

- 最高使用温度300°C/350°C
The maximum operating temperature: 300°C/350°C
- 微电脑触摸式或按键式，操作简单
Microcomputer touch or touch-tone operation panel,easy operation
- 采用轴式热媒油泵浦，泵浦流量大，使用寿命长
Use hot oil pump of axis-connection type with big flow rate and long service life
- 可指定选用德国KSB、德国SPECK、德国ALLWEILER热媒油泵浦
At the request of customers, the brand of the hot oil pumps are from Germany which is respectively KSB, SPECK or ALLWEILER
- 采用德国KSB法兰球阀及KSB法兰式过滤器
Use Germany KSB flanged ball valve and KSB flanged filter
- "OMRON""FUJI"控制零件
Controlling parts of OMRON and FUJI brands
- 自动排气功能
Automatic exhaust function
- 出油温度显示
Indication of oil output temperature control
- 多段加热控制，功率可自行调整
Multi-zoned heating control with power self-adjusting function
- 电气配电箱采用双重隔离及散热设计
Double insulation and heat dissipation design for the electric distribution cabinet
- 减少废品率、减少加热时间、增加模具/模板寿命
Reduce the waste rate and the heating time and increase the service life of mold/ templet
- 特殊管路系统设计,传热油不氧化,寿命长
Special design for pipeline system in which the heat-transfer oil is not oxidized with a long lifecycle
- 采用高温保温材料隔热处理,节约能源及热量损失小
High-temperature insulation materials can be adopted on the heat insulation so as to save energy and reduce heat loss.
- 故障指示，维修不用专业人员
Fault indication function allows maintenance without professional maintainer.
- PLC控制(选购)
PLC Control(optional)



应用范围: 塑料压延设备、印刷机械、高温辊轮/辊筒控温、高温注塑模具控温、铝/镁/锌合金压铸模具控温、高温热压成型模板控温及其它需精确控温之场合等。
APPLICATION RANGE: Plastic calendering machine, printing machine, temperature control of high-temperature roller/ roll barrel, temperature control of high-temperature plastic injection mold, Aluminum, magnesium and zinc alloy mold die-casting temperature control, temperature control of high-temperature hot-press molding templet and other precise temperature-control occasions.

规格 SPECIFICATIONS

机 型 Model	单 位 UNIT	OTDD-07	OTDD-15	OTDD-40	OTDD-55
温 控 范 围 Control range	℃	60~300°C	60~300°C/350°C		
温 控 精 度 Temp.control accuracy	℃	±1	±1		
电 源 Power		3 φ 380V 50HZ (or other) 或其它	3 φ 380V 50HZ (or other) 或其它		
传 热 媒 体 Heat transfer medium		传热油HEAT TRANSFER FLUID	传热油HEAT TRANSFER FLUID		
冷 却 方 式 Cooling method		间接冷却INDIRECT COOLING	间接冷却INDIRECT COOLING		
控 制 方 式 Control Mode		触摸式/按键式 TOUCH-TYPE / TOUCH-TONE	触摸式 TOUCH-TYPE		
加 热 能 量 Heating capacity	KW	12/18	18/24	24/36	36/48
泵 浦 功 率 Pump power	KW	1.5	2.2	3.75	5.5
最 大 泵 流 量 Max. flow rate	L/MIN	130	165	208	330
最 大 泵 压 力 Max.pump pressure	KG/CM ²	2.2	2.5	3.2	3.8
最 大 电 力 消 耗 Power supply	KW/H	13.6/19.7	20.4/26.4	28.1/40	41.9/54
冷 却 水 配 管 Cooling water pipe	INCH	1/2	1/2	3/4	3/4
循 环 油 配 管 Circulation oil pipe	INCH	1	1-1/4	1-1/2	2
贮 油 量 Expansion Tank Capacity	LITER	40	40	60	80
外 型 尺 寸 LxWxH	CM	112 × 48 × 127	112 × 48 × 127	115 × 50 × 133	128 × 50 × 138
重 量	KG	200	208	418	455
		510	510	650	

特殊规格及多机一体机型可订制! Special design upon request

规 格 SPECIFICATIONS

机 型 Model	单 位 UNIT	OTH-20	OTH-30	OTH-50	OTH-75	OTH-100	OTH-150
OTD 系列/OTD.series	OTD-20	OTD-30	OTD-50	OTD-75	OTD-100	OTD-150	
温 控 范 围 Control range	℃						
温 控 精 度 Temp.control accuracy	℃						
电 源 Power							
传 热 媒 体 Heat transfer medium							
冷 却 方 式 Cooling method							
控 制 方 式 Control Mode							
加 热 能 量 Heating capacity	KW	12/18	18/24	24/36	36/48	48/72	72/96
泵 浦 功 率 Pump power	KW	1.5	2.2	3.75	5.5	7.5	11
最 大 泵 流 量 Max. flow rate	L/MIN	130	165	208	330	665	1000
最 大 泵 压 力 Max.pump pressure	KG/CM ²	2.2	2.5	3.2	3.8	4.0	3.8
最 大 电 力 消 耗 Power supply	KW/H	13.6/19.7	20.4/26.4	28.1/40	41.9/54	56/80.5	84/108
冷 却 水 配 管 Cooling water pipe	INCH	1/2	1/2	3/4	3/4	3/4	3/4
循 环 油 配 管 Circulation oil pipe	INCH	1	1-1/4	1-1/2	2	2	2-1/2
贮 油 量 Expansion Tank Capacity	LITER	40	40	60	60	80	100
外 型 尺 寸 LxWxH	CM	112 × 48 × 127	112 × 48 × 127	115 × 50 × 133	128 × 50 × 138	145 × 60 × 168	160 × 70 × 175
重 量	KG	200	208	418	455	510	650

特殊规格及多机一体机型可订制! Special design upon request

机型特点 MODEL FEATURES

- 1、最高使用温度120℃(另有90℃, 140℃机型)
Maximum function temperature: 120°C (Model with a temperature of 90°C, 140°C is acceptable)
- 2、微电脑触摸式面板,操作简单
Easy operation with micro computer touch-type panel
- 3、采用格兰富(GRUNDFOS)立式多级离心泵浦
Use GRUNDFOS brand of multiple centrifugal pump with vertical axis
- 4、OMRON、FUJI控制零件
Controlling parts of OMRON and FUJI brands
- 5、冷却能力超强,可选用间接冷却或直接冷却
Powerful cooling functions with two options (indirect cooling or direct cooling)
- 6、自动冷却关机功能 (WMD系列)
Automatic cooling shutdown function (WMD Series)
- 7、开机自动排气功能
Automatic exhaust function as starting up the machine
- 8、出水、回水温度显示
Temperature indication of output and input water
- 9、管路防爆装置(安全阀)
Explosion-proof apparatus
- 10、故障显示,维修不用专业人员
Fault indication which allows maintenance without professional maintainer



通信功能(选购) COMMUNICATION FUNCTIONS (OPTIONAL)

- 1、RS-485、RS-232C通信
Communication of RS-485 and RS-232C
- 2、连接PLC扩展模块控制
Connect with PLC scalable module control
- 3、Devicenet通信总线
Communication trunk of Devicenet
- 4、外接温度传感器(PT100.K型,J型)
Temperature sensor of external connection (Model of PT100.K and J)
- 5、远程开/关机控制(安全模拟信号)
Remote boot-strap and shut-down control (safe analog signals)
- 6、模温机组联动控制(安全模拟信号)
Linkage control of the mold temperature controller set (safe analog signals)
- 7、集成故障警报输出(安全模拟信号)
Alarm output for an integrated failure (safe analog signals)
- 8、总电源电缆配置CEE插座及插头
General feed cable equipped with CEE sockets and plugs
- 9、PLC控制
PLC Control

应用范围: 冷喂料橡胶挤出机、销钉式冷喂料橡胶挤出机、双复合橡胶挤出机组、复合胎面挤出机组、轮胎部件生产线、电缆设备生产线、塑料管材/型材挤出设备、螺杆式塑料挤出机、挤出机喷淋冷却槽控温、辊轮(筒)控温及其它需精确控温之场合等。
Application range: Precise temperature control for cold feed rubber extruder, pin cold feed rubber extruder, double composite rubber extruder unit, duplex tread extruding machine set, production line for tyre parts, production line for cables, extrusion machinery for plastic pipes/extruded materials, plastic screw extruder, extruder spray-cooling bath, roller(roll barrel),etc.

机型特点 MODEL FEATURES

- 1、最高使用温度120℃
Maximum operating temperature: 120°C
- 2、微电脑触摸式面板,操作简单
Easy operation with micro computer touch-type panel
- 3、采用格兰富(GRUNDFOS)高效率卧式离心泵浦
High-efficient horizontal centrifugal pump of GRUNDFOS brand
- 4、OMRON、FUJI控制零件
Controlling parts of OMRON and FUJI brands
- 5、冷却能力超强,可选用间接冷却或直接冷却
Powerful cooling function with two options (indirect cooling or direct cooling)
- 6、自动冷却关机功能 (WMD 系列)
Automatic cooling shutdown function (Series WMD)
- 7、开机自动排气功能
Automatic exhaust function as starting up the machine
- 8、出水、回水温度显示
Temperature indication of output and input water
- 9、管路防爆装置(安全阀)
Pipe explosion-proof apparatus (safety valve)
- 10、故障显示,维修不用专业人员
Fault indication function which allows maintenance without professional maintainers



通信功能(选购) COMMUNICATION FUNCTIONS (OPTIONAL)

- 1、RS-485、RS-232C通信
Communication of RS-485 and RS-232C
- 2、连接PLC扩展模块控制
Connect with PLC scalable module control
- 3、Devicenet通信总线
Communication trunk of Devicenet
- 4、外接温度传感器(PT100.K型,J型)
Temperature sensor of external connection (Model of PT100.K and J)
- 5、远程开/关机控制(安全模拟信号)
Remote boot-strap and shut-down control (safe analog signals)
- 6、模温机组联动控制(安全模拟信号)
Linkage control of the mold temperature controller set (safe analog signals)
- 7、集成故障警报输出(安全模拟信号)
Alarm output for an integrated failure (safe analog signals)
- 8、总电源电缆配置CEE插座及插头
General feed cable equipped with CEE sockets and plugs
- 9、PLC控制
PLC Control

应用范围: 橡胶机械:三辊/四辊橡胶压延机、密闭式炼胶机、加压式捏炼机、开放式炼胶机、万马力控温塑料机械:三辊/四辊压延(光)机、塑料片材/板材/薄膜/型材/管材生产设备、辊轮(筒)控温、大型注塑模具控温(850T-3000T注塑成型机)、汽车配件注塑成型及其它需精确控温之场合等。
APPLICATION RANGE: Rubber machinery: three-roll/four-roll rubber calender, rubber internal mixer, pressing type kneader, open type rubber mixer, temperature by a horsepower over ten thousands Plastic Machinery: three-roll/four-roll manger/calendering machine, production machinery of plastic sheets/plank plates/ thin films/ extruded materials/ pipes, temperature control of roller (roll barrel), temperature control of huge-size injection molds (injection molding machine 850T-3000T), plastic injection molding of automobile fittings and other precise temperature-control occasions.

规格 SPECIFICATIONS

机 型 Model	单 位 UNIT	WMD-05G-6	WMD-07G-8	WMD-10G-9	WMD-15G-12	WMD-20G-18	WMD-30G-24
温 控 范 围 Control range	℃			40℃-120℃			
温 控 精 度 Temp.control accuracy	℃			±1			
电 源 Power				3 φ 380V 50HZ (or other)或其它			
传 热 媒 体 Heat transfer medium				水 Water			
冷 却 方 式 Cooling method				直接冷却DIRECT COOLING/ 间接冷却(板式热交换器) INDIRECT COOLING			
加 热 能 量 Heating capacity	KW	6	8	9	12	18	24
泵 浦 功 率 Pump power	KW	0.37	0.55	0.75	1.1	1.5	2.2
最 大 泵 流 量 Max. flow rate	L/MIN	40	75	75	140	215	215
最 大 泵 压 力 Max.pump pressure	KG/CM ²	4.3	4	5.9	4.7	4.1	5.1
冷 却 入 水 压 力 Cooling water supply	KG/CM ²	2	2	2	2	2	2
最 大 电 力 消 耗 Power supply	KW	6.5	8.7	9.9	13.2	19.7	26.5
冷 却 水 配 管 Cooling water pipe	INCH	3/4	3/4	1	1	1-1/4	
循 环 水 配 管 Circulation water pipe	INCH	3/4	3/4	1	1	1-1/4	

特殊规格及多机一体机型可订制! Special design upon request

机 型 Model	单 位 UNIT	WMB-30G	WMB-40G	WMB-50G	WMB-75G	WMB-100G	WMB-150G
温 控 范 围 Control range	℃			40℃-120℃			
温 控 精 度 Temp.control accuracy	℃			±1			
电 源 Power				3 φ 380V 50HZ (or other)或其它			
传 热 媒 体 Heat transfer medium				水 Water			
冷 却 方 式 Cooling method				直接冷却DIRECT COOLING/ 间接冷却(板式热交换器) INDIRECT COOLING			
加 热 能 量 Heating capacity	KW	16/24	24/36	36/48	48/72	60/72	72/96
泵 浦 功 率 Pump power	KW	2.2	3	4	5.5	7.5	11
最 大 泵 流 量 Max. flow rate	L/MIN	350	500	565	850	980	1430
最 大 泵 压 力 Max.pump pressure	KG/CM ²	3.1	3.1	3.7	3.5	4.2	3.6
冷 却 入 水 压 力 Cooling water supply	KG/CM ²	2	2	2	2	2	2
最 大 电 力 消 耗 Power supply	KW	18.5/26.5	27.3/39.4	40.4/52.6	54/78	68/80	83.6/108
冷 却 水 配 管 Cooling water pipe	INCH	1-1/4	1-1/2	2	2	2	2-1/2
循 环 水 配 管 Circulation water pipe	INCH	1-1/4	1-1/2	2	2	2-1/2	2-1/2

特殊规格及多机一体机型可订制! Special design upon request

水冷式冰水机、气冷式冰水机

Water cooled chiller, Air cooled chiller

机型特点 MODEL FEATURES

1、采用国外进口压缩机，附全新进口保证书
Employing all-new, imported compressor, complete with all-new import certificates.
2、采用进口高级组件，使用年限长
Employing superb imported components, with longer terms of service.
3、高效率之蒸发器及冷凝器，可节省能源30%以上
High efficiency evaporator and cooling condenser in use, to help save no less than 30% of your power rates.
4、温度控制表采用进口高精度数字显示省电型
High precision digital display, for the temperature control.
5、采用两组压缩机，可单独使用或共同启用 (C-10以上)
Employing two sets of compressor which can be used jointly or independent. (Over C-10)
6、安全保护及故障指示系统完善
Complete with safety protection and error indication system.
7、微电脑触摸式控制，操作简单
Micro-processing controller,easy operation.
8、钢管采用无氧焊接法
The weld of brass pipe is non-exidization (nitrogen flushing).



安全保护系统 SAFETY SYSTEM

- | | |
|--|------------------------------------|
| 1、总电源过电流无熔丝断路器 Circuit Breaker | 8、冷媒高压安全阀 Refrigerant Safety Valve |
| 2、冰水马达反转保护及指示灯 Pump Reverse Protective Lamp | 9、故障警报蜂鸣器 Buzzer |
| 3、冰水马达过载保护及指示灯 Pump Overload Protective Lamp | 10、冷媒高压指示表 High-Pressure Gauge |
| 4、压缩机过载保护及指示灯 Compressor Overload Protective Lamp | 11、冷媒低压指示表 Low-Pressure Gauge |
| 5、冷却水散热不足保护及指示灯 Heat-Exchange Fail Protective Lamp | 12、冰水出口压力表 Water-Pressure Gauge |
| 6、冷媒不足保护及指示灯 Refrigerant Shortage Protective Lamp | 13、欠相保护 Phase Failure Protector |
| 7、冰水冻结防止保护及指示灯 Freeze Protector Protective Lamp | |

机型特点 MODEL FEATURES

1、采用国外进口压缩机，附全新进口保证书
Employing all-new, imported compressor, complete with all-new import certificates.
2、采用进口高级组件，使用年限长
Employing superb imported components, with longer terms of service.
3、高效率之蒸发器及冷凝器，可节省能源30%以上
High efficiency evaporator and cooling condenser in use, to help save no less than 30% of your power rates.
4、温度控制表采用进口高精度数字显示省电型
High precision digital display, for the temperature control.
5、采用两组压缩机，可单独使用或共同启用 (C-10以上)
Employing two sets of compressor which can be used jointly or independent. (Over C-10)
6、安全保护及故障指示系统完善
Complete with safety protection and error indication system.
7、微电脑触摸式控制，操作简单
Micro-processing controller,easy operation.
8、钢管采用无氧焊接法
The weld of brass pipe is non-exidization (nitrogen flushing).
9、故障指示，维修不用专业人员
Fault indication function allows ma intenance without professional maintainer.
10、PLC控制 (选购)
PLC Control(optional)



CH-5~CH-10

CH-15~CH-30

CH-39

安全保护系统 SAFETY SYSTEM

- | | |
|--|------------------------------------|
| 1、总电源过电流无熔丝断路器 Circuit Breaker | 8、冷媒高压安全阀 Refrigerant Safety Valve |
| 2、冰水马达反转保护及指示灯 Pump Reverse Protective Lamp | 9、故障警报蜂鸣器 Buzzer |
| 3、冰水马达过载保护及指示灯 Pump Overload Protective Lamp | 10、冷媒高压指示表 High-Pressure Gauge |
| 4、压缩机过载保护及指示灯 Compressor Overload Protective Lamp | 11、冷媒低压指示表 Low-Pressure Gauge |
| 5、冷却水散热不足保护及指示灯 Heat-Exchange Fail Protective Lamp | 12、冰水出口压力表 Water-Pressure Gauge |
| 6、冷媒不足保护及指示灯 Refrigerant Shortage Protective Lamp | 13、欠相保护 Phase Failure Protector |
| 7、冰水冻结防止保护及指示灯 Freeze Protector Protective Lamp | |

规格 SPECIFICATIONS

机 型 Model	单 位 UNIT	C-3(A)	C-5(A)	C-8(A)	C-10(A)	C-15(A)	C-20(A)	C-30	C-40	C-50	C-60	
温 控 范 围 Control range	°C	5-30°C (0°C以下可订制) Below 0°C Can Custom										
电 源 Power		3 φ 380V/50Hz(or other)或其他										
制 冷 功 率 Cooling capacity	KW/H	8. 9	14. 9	23. 3	31	46	62	92	120	148	184	
制冷量根据ARI工况7.2°C/54.4°C	KCAL/H	7654	12814	20038	26660	39560	53320	79120	103200	127280	158240	
压 缩 机 马 力 Compressor horsepower	HP	3	5	8	10	15	20(10x2)	30(15x2)	40(20x2)	50(25x2)	60(30x2)	
循 环 泵 泵 马 力 Pump power	HP	1	1	2	2	3	3	5	/	/	/	
最 大 循 环 泵 流 量 Max.pump flow	L/MIN	165	165	235	235	315	315	385	/	/	/	
最 大 循 环 泵 压 力 Max.pump pressure	KG/CM ²	2	2	2. 2	2. 2	2. 2	2. 5	2. 5	2. 8	/	/	
最 大 电 力 消 耗 Max.Power supply	KW	3	4.5	7. 5	9	13	17	24.7	32.3	41	49	
膨 胀 水 箱 容 积 Tank capacity	LITER	45	113	157	157	250	320	320	/	/	/	
冰水出入口配管尺寸 Chilling water pipe	INCH	1	1-1/4	1-1/2	1-1/2	2	2	2-1/2	2-1/2	3	3	
冷 却 水 配 管 尺 寸 Cooling water pipe	INCH	1	1-1/4	1-1/2	1-1/2	2	2	2-1/2	3	3	3	
外 型 尺 寸 LxWxH	CM	99x55x95	133x60x123	150x60x144	175x90x165	213x90x160	213x105x177	213x105x177	213x105x177			
重 量 Weight	KG	220	370	500	750	900	1110	1500	1700	1900	2100	

特殊规格及多机一体机型可订制! Special design upon request

10

水循环冰热两用模温机

Water Circulation Mold Temperature Controller For Freezing And Heating

11

机 型 Model	单 位 UNIT	CH-5	CH-6	CH-8	CH-10	CH-15	CH-20	CH-30	CH-39	
温 控 范 围 Control range	°C	8°C~98°C / 8°C~120°C								
电 源 Power		3 φ /380V/50Hz(or other)或其它								
制 冷 功 率 Cooling capacity	KW/H	14.9	17.1	23.3	31	46	62	92	112.8	
压缩机马力 Compressor horsepower	HP	5	6	8	10	7.5+7.5	10+10	15+15	13+13+13	
加 热 能 量 Hrating Capacity	KW/H	8+8	9+9	10+10	12+12	15+15	24+24	30+30	36+36	
冰水泉浦功率 Cool water pump power	KW/H	0.84	0.84	1.2	1.2	2.2	2.2	2.2	2.2	
冰水泉浦流量 Cool water pump flow	L/MIN	110	110	250	250	250	367	367	367	
热 水 泉 浦 功 率 Hot water pump power	KW/H	0.84×2	0.84×2	1.2×2	1.2×2	2.2×2	2.2×2	4.0×2	4.0×2	
热 水 泉 浦 最 大 流 量 Hot water pump max.flow	L/MIN	110	110	250	250	250	367	500	500	
热 水 泉 浦 最 大 压 力 Hot water pump max.pressure	KG/CM ²	3.9	3.9	2.9	2.9	4.8	3.4	3.5	3.5	
最 大 电 力 消 耗 Max.Power supply	KW	22.67	25.42	30.1	35.6	48.48	70.40	93.7	112.4	
膨 胀 水 箱 容 积 Tank capacity	LITER	120	120	160	300	350	350	500	500	
冰水出入口配管尺寸 Chilling water pipe	INCH	1"×2	1"×2	1.2"×2	1.2"×2	1.5"×2	1.5"×2	2"×2	2"×2	
冷 却 水 配 管 尺 寸 Cooling water pipe	INCH	1-1/4	1-1/4	1-1/2	1-1/2	2	2	2-1/2	3	
外 型 尺 寸 LxWxH	CM	149x60x123	149x60x123	190x65x151	190x65x151	200x90x165	200x90x165	223x110x187		

特殊规格及多机一体机型可订制! Special design upon request



塑料挤出模头油温机
Plastic Extrusion Die-head Oil Temperature Controller



大功率油温机（油加热器）
High Power Oil Temperature Controller (Oil Heater)



防爆模温机EX系列
Anti-explosion Mold Temperature Controller Ex Series



大功率气冷式冰水机
High Power Air Cooled Chiller



蒸汽加热模温机
Steam Heating Mold Temperature Controller



水循环冰热两用模温机
Water Circulation Mold Temperature Controller For Freezing And Heating



橡胶三辊压延机温控TCU
Rubber Three-roll Calendar Temperature Control Tcu



橡胶挤出机温控TCU
Rubber Extruder Temperature Control



橡胶四辊压延机温控TCU
Rubber Four-roll Calendar Temperature Control Tcu



六机一体模温机组
Six Machines In One Mold Temperature Controller Unit



配套印刷机械使用事例
Using Examples Matching With Printing Machine



配套塑料挤出机使用实例
Using Examples Matching With Plastic Extruder



配套塑料挤出机使用实例
Using Examples Matching With Plastic Extruder



塑料压光机温控系统
Mold Temperature Controller System Matching With Plastic Calendar



塑料压光机温控系统
Mold Temperature Controller System Matching With Plastic Calendar



大型防爆温控机组
Large-scale Anti-explosion Temperature Controller Unit



配套橡胶胶管生产线
Production Line Matching With Rubber Hose



橡胶机械模温机组
Rubber Machinery Mold Temperature Controller Unit



配套橡胶压延机使用事例
Using Examples Matching With Rubber Calendar



配套橡胶挤出机使用事例
Using Examples Matching With Rubber Extruder



配套销钉式冷喂料挤出机
Matching With Pin Type Cold Feed Extruder



密炼机配套温控装置
Temperature Control Unit Matching With Internal Mixer



高压交联电缆生产线模温机组
High Voltage Cross Linked Cable Production Line Mold Temperature Controller Unit



电缆生产线模温机组合总成
Temperature Controller For Cable Production Line



硫化机配套油加热器
Oil Heater Matching With Vulcanizing Machine



橡胶三复合挤出机温控TCU
Rubber Three- Compound Extruder Temperature Control Tcu



橡胶三复合挤出机温控TCU
Rubber Three- Compound Extruder Temperature Control Tcu



轮胎生产线大型冷却装置
tire production line large-scale cooling device



轮胎生产线温控总成
Temperature Controller For Tire Production Line



轮胎生产线温控总成
Temperature Controller For Tire Production Line



暉 吉



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