Official website：www .aodetcu.com

苏州奥德高端装备股份有限公司 (总部一厂区)
Suzhou AODE Precise Equipment Co., Ltd.
（Headquarter & Plant 1）

地址：苏州昆山市高新区城北五联路228号
Add: NO.228 Wulian road, Chengbei, High-tech Zone, Kunshan City, Jiangsu Province, China.
电话/Tel：+86-512-57885715
邮箱/E-mail：mkt@aodejx.com
海外业务电话/Overseas Business Contact: +86-18020208608

苏州奥德高端装备股份有限公司 锅炉事业部 (二厂区)
Boiler Business Division (Plant 2)
Suzhou AODE Precise Equipment Co., Ltd.

地址：江苏省昆山市玉山镇玉杨路366号
Add：No.366 Yuyang Road,Yushan Town,Kunshan City,Jiangsu Province, China.
电话/Tel：+86-512-36820166

苏州奥德高端装备股份有限公司 制冷事业部 (三厂区)
Refrigeration Business Division (Plant 3)
Suzhou AODE Precise Equipment Co., Ltd.

地址：江苏省昆山市玉山镇勤昆路66号8号房
Add：Room 8, 66 Qinkun Road, Yushan Town, Kunshan City, Jiangsu Province, China.
电话/Tel：+86-512-57885715

深圳市奥德机械有限公司
AODE Machinery (Shenzhen) Co., Ltd.

地址：深圳市宝安区松岗镇东方大道田洋三路9号
Add: NO.9, Tianyang Three Road, Dongfang Avenue,Songgang Town, Baoan District, Shenzhen city,Guangdong Province, China.
电话/Tel：+86-755-23116643

天津莱奥德机械有限公司
Tianjin Lai’ AODE Machinery Co., Ltd.

地址：天津市北辰区中关村可信产业园B2-3-2楼
Add：Floor B2-3-2, Zhongguancun Kexin Industrial Park, Beichen District, Tianjin Municipality, China.
电话/Tel：+86-512-57885715

昆山奥兰克泵业制造有限公司
AULANK Pumps Manufacturing Co.,Ltd.

地址：江苏省昆山市巴城镇东荣路151号1号厂房
ADD: Plant 1 No.151 Dongrong Road, Bacheng Town, Kunshan City, Jiangsu Province, China.
电话/Tel：+86-512-55193403

Official Accounts　Video number　YouTube　Tik tok

AODE 奥德

FOCUS ON SOPHISTICATED INDUSTRIAL TEMPERATURE CONTROL

VERSION 202410

CONTENTS

TEMPERATURE CONTROL

20 YEARS+
ACCUMULATION

50000㎡+
PRODUCTION AREA

11000+
CUSTOMER CASES

10000+
PRODUCTION CAPACITY

306+
PATENTS

ABOUT AODE

Founded in Shenzhen in 2004 and established its headquarters in Suzhou in 2007, AODE has been focusing on the industrial temperature control field and is a temperature control equipment manufacturer integrating R&D, production and sales. After 20 years of innovative development and precipitation, AODE products from a single heating series development to heating, cooling, cooling and heating in one and centralised cooling, centralised heating of a full range of product matrix, with different industries to provide diversified, customised temperature control product solutions. At present, there are 5 production bases in East China and South China, and sales and service centres in Tianjin, Chongqing and Qingdao. So far, AODE has successfully provided more than 11,000 enterprises with efficient and stable temperature control product services, and set up a benchmark in the industry.

FULL RANGE OF PRODUCTS TO MEET THE NEEDS OF DIFFERENT APPLICATION SCENARIOS

MOULD TEMPERATURE MACHINE SERIES

Main products: oil temperature machine, water temperature machine, 320 °C die-casting mould temperature machine, 200 °C high-temperature water temperature machine, 400 °C ultra-high-temperature oil temperature machine, rapid cooling and rapid heating of high-gloss mould temperature machine, electrically heated organic heat carrier furnace.

CHILLER SERIES

Main products: air-cooled/water-cooled chiller, air-cooled chiller/oil chiller, air-cooled/water-cooled screw chiller, water-cooled screw low-temperature chiller, evaporative cooled screw chiller, -120°C compound stacked ultra-low-temperature machine and so on.

HIGH AND LOW TEMPERATURE SERIES

Main products: High and low temperature integrated intelligent control machine, applications: semiconductor, automotive parts testing, chemical and pharmaceutical.

HIGH PRECISION OF TEMPERATURE CONTROL

The temperature control precision of the product can reach ±0.1°C, which is at the leading level of the same industry in China, breaking the temperature control technology blockade of Europe and the United States in the field of optical lens.

WIDE RANGE OF TEMPERATURE CONTROL

The temperature control range of industrial temperature control equipment is between -120°C and +400°C, and the temperature resistance range of high and low temperature pump is between -196 °C and +400°C.

FAST RATE OF TEMPERATURE CONTROL

AODE's self-developed "water/oil hot and cold rapid switching technology" can achieve rapid cooling and heating automatic switching temperature control, providing efficient and accurate temperature control for various industrial applications.

STANDARD + CUSTOMISED

POINT COLD SERIES

Main products: high-pressure point cooler, multi-channel high-temperature water heater, mould cooling station, mould cooler, mould temperature control monitoring system, die-casting workshop whole plant water supply temperature control system, integrated control system, etc.

BOILER SERIES

Main products: fuel oil (gas) organic heat carrier boiler, fuel oil (gas) steam boiler, fuel oil (gas) hot water boiler, electrically heated organic heat carrier boiler and so on.

PUMP SERIES

Main products: high and low temperature magnetic drive centrifugal pumps, high and low temperature magnetic drive vortex pumps, high-pressure vane pumps, precision vortex pumps, non-leakage vertical pumps, high-flow centrifugal pumps, stainless steel centrifugal pumps, chemical pumps and so on.

SAFE AND STABLE

AODE products are designed to take multiple protection measures (power supply phase sequence detection, motor overload protection, flow detection, pressure detection, temperature detection, etc.) to ensure the safe and stable operation of the equipment.

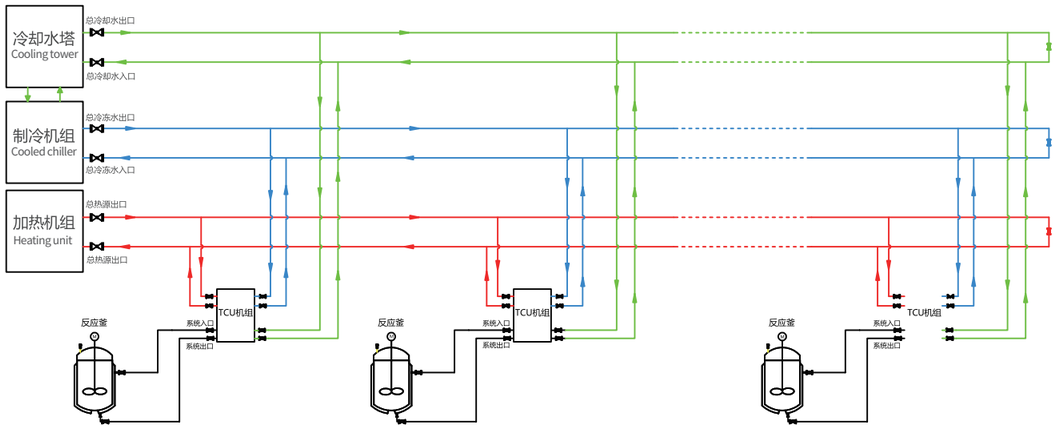
ENERGY EFFICIENT AND ENVIRONMENTALLY FRIENDLY

Through multiple innovations such as "High-efficiency Low-NOx Gas Condensing Boiler Technology" and "VOCs Condensing Recovery Refrigeration Technology", AODE is able to effectively improve the heating/cooling efficiency and reduce NOx and carbon emissions.

INTELLIGENT CONTROL

The products produced by AODE can achieve energy consumption detection, online monitoring, data analysis, remote control, alarm linkage and so on.

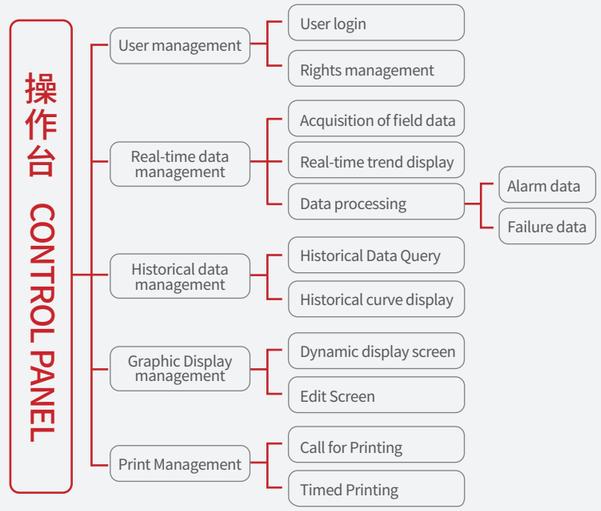
INDUSTRIAL TEMPERATURE CONTROL SYSTEM INTEGRATION
工业温控装备系统集成

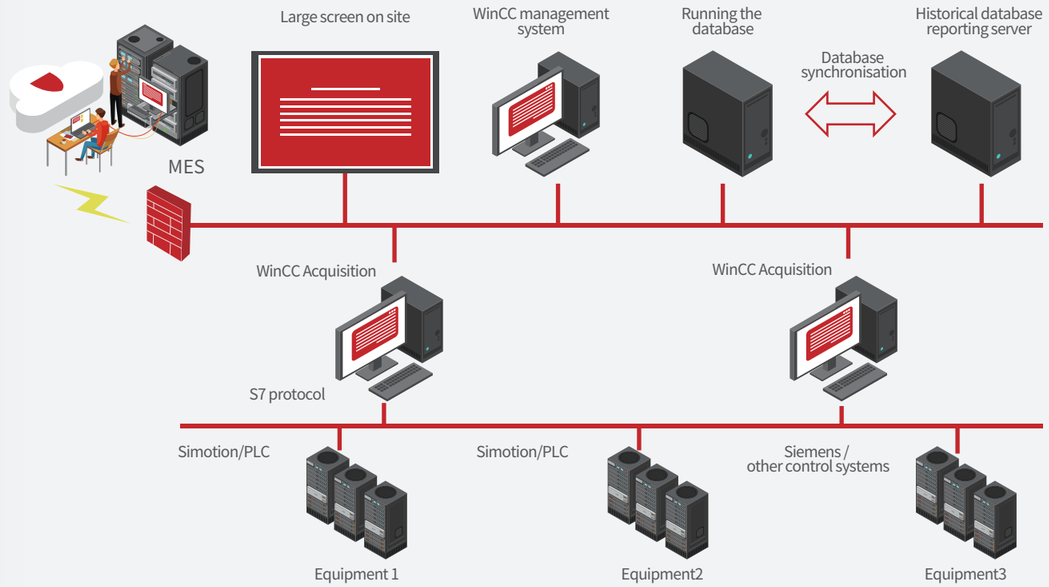


DCS INTELLIGENT CONTROL SYSTEM
DCS智能控制系统

DCS是分布式控制系统，主要特点是分散控制，集中管理，DCS采用若干个控制器（过程站）对一个生产过程中的众多控制点进行控制，各控制器间通过网络连接并可进行数据交换。生产控制操作采用计算机操作站，通过网络与控制器连接，收集生产数据，传达操作指令。

DCS is a distributed control system; main features are to decentralized control and centralized manage. DCS is to control multiple control points in a production process by several controllers (process stations). Each controller is connected through network and can exchange data. Computer work stations are applied in production control process, communicate with controllers and collect production data and convey operation instruction by networks.





MOLD TEMPERATURE CONTROL UNIT
模温机系列

Mould temperature machine series products mainly include oil temperature machine, water temperature machine, 200 ℃ high temperature water temperature machine, 320 ℃ die-casting mould temperature machine, rapid cooling and rapid heating of high-gloss mould temperature machine, 400 ℃ ultra-high-temperature oil temperature machine, electrically heated organic heat carrier furnace, etc., are widely used in the chemical industry, pharmaceuticals, new energy automobile integrated die-casting, energy storage, 5G materials, 3C communications, circuit boards, semiconductors, the military industry, aerospace, rail transportation, auto parts Die-casting, optical lens, sheet/plate/film, dyeing and printing, rubber, injection moulding, packaging, drying, compound material thermoforming, carbon fibre products and other industries.

FEATURES

- Return oil/water temperature display，Automatic exhaust
- Heating power switch，By-pass pressure release circuit
- Temperature control range;+25°C~400 °C(oi) 1+25°C~180°C(water)
- Control mode:imported microcomputer or PLC (optional)
- Electric components:SIEMENS、Weidmuller、ABB、LS、OMRON
- Safety protection: fault display, easy repair and maintenance
- Explosion-proof，Blowing back oil/water (optional)
- RS485 communication(optional)

AODE奥德

WATER TEST OPTICAL GRADE SPECIAL MOLD TEMPERATURE MACHINE

水试光学级专用模温机 +25℃ ☼ +180℃

- **Circulating pump**
  Magnetic drive, long time operation of continuous shaft; prevent leak
- **Temperature control precision**
  High heat conduction efficiency and minimal temperature fluctuation
- **Heater**
  Flow rate, pressure and temperature can be monitored
- **Smart union Intelligent IOT**
  Flow rate, pressure and temperature can be monitored

ITEM	UNIT	AEWF-180
Temp control range	℃	Inlet water temperature +25 ℃ ~180 ℃
Temp control accuracy	℃	PID ± 0.1
Power supply	/	AC 3N-380V-50HZ
Heat transfer medium	/	Water
Cooling method	/	Indirect Cooling
Heating capacity	KW	12
Motor power	KW	0.75
Pump flow	L/min	45
Pump head	m	45
Max. power consumption	KW	12.75
Alarm function	/	Pump reversal/Water shortage/Overheating/Overloading/High
Cooling water pipe	inch	1/2
Circulating water pipe	inch	3/4
Size(L×W×H)	mm	720*288*580

STANDARD WATER TEMPERATURE CONTROL UNIT

标准水温机 +25℃ ☼ +100℃

ITEM	UNIT	AWM-05(A)	AWM-10(A)	AWM-20	AWMD-10
Temp control range	℃	Inlet water temperature +25℃~100℃			
Temp control accuracy	℃	PID±1℃			
Power supply	/	AC 3N-380/400V -50HZ			
Heat transfer medium	/	Water			
Cooling method	/	Direct cooling			
Heating capacity	KW	6	9	12	9+9
Motor power	KW	0.37	0.75	1.5	0.75+0.75
Pump flow	L/min	26	100/33	150	100+100
Pump head	m	15	16/20	18	16
Max. power consumption	KW	6.37	9.75	13.5	19.5
Alarm function	/	Pump reversal/Water shortage/Overload			
Cooling water pipe	inch	1/2	1/2	1/2	1/2
Circulating water pipe	inch	3/8*2	3/8*4	1	(3/8*4)*2
Size(L×W×H)	mm	650*288*645	650*288*645	650*288*645	800*420*750

STANDARD OIL TEMPERATURE CONTROL UNIT

标准油温机 +45℃ ☼ +150/180℃

ITEM	UNIT	AOS-05A	AOS-10(A)	AOS-20	AOS-30
Temp control range	℃	Inlet water temperature +45℃-180℃			
Temp control accuracy	℃	PID±1℃			
Power supply	/	AC 3N-380/400V-50HZ			
Heat transfer medium	/	Thermal conductive oil			
Cooling method	/	Indirect cooling			
Heating capacity	KW	6	9	12	12
Motor power	KW	0.37	0.75	1.5	2.2
Pump flow	L/min	22	85/30	120	150
Pump head	m	13	15/17	17	20
Max. power consumption	KW	6.37	9.75	13.5	14.2
Alarm function	/	Pump reversal/Oil shortage/Overload/Abnormal heating			
Cooling water pipe	inch	1/2	1/2	1/2	1/2
Circulating oil pipe	inch	3/8*2	3/8*4	1	1.2
Size(L×W×H)	mm	650*288*735	650*288*735	650*288*735	900*420*850

HIGH-TEMPERATURE WATER TEMPERATURE CONTROL UNIT

高温水温机 +25℃ ☼ +180℃

ITEM	UNIT	AEWH-10	AEWH-20	AEWT-10	AEWT-20	AEWT-30
Temp control range	℃	Inlet water temperature+25℃-150℃		Inlet water temperature+25℃-180℃		
Temp control accuracy	℃	PID ± 1℃				
Power supply	/	AC 3N - 380/400V -50HZ				
Heat transfer medium	/	Water				
Cooling method	/	Indirect cooling				
Heating capacity	KW	9	12	9	12	24
Motor power	KW	0.75	1.5	0.75	1.5	2.2
Pump flow	L/min	40	60	95	153	235
Pump head	m	60	60	120	120	120
Max. power consumption	KW	9.75	13.5	9.75	13.5	26.2
Alarm function	/	Pump reversal/Oil shortage/Overload/Abnormal heating				
Cooling water pipe	inch	1/2	1/2	1/2	1/2	1/2
Circulating water pipe	inch	3/8*2	1	3/8*4	1	1.2
Size(L×W×H)	mm	700*360*780	700*360*780	700*360*780	700*360*780	1200*420*1000

AODE奥德

LARGE FLOW WATER TEMPERATURE CONTROL UNIT

大流量水温机 +25℃ ☼ +98℃

ITEM	UNIT	ARD-30-24	ARD-30-36	ARD-40-48	ARD-50-72	ARDN-50-72	ARDN-75-90
Temp control range	℃	Inlet water temperature+25℃~98℃					
Temp control accuracy	℃	PID±1℃					
Power supply	/	AC 3N-380V/400V-50HZ+PE					
Heat transfer medium	/	Water					
Cooling method	/	Direct cooling					
Heating capacity	KW	24	36	48	72	72	90
Motor power	KW	2.2	2.2	3.0	4.0	3.0	5.5
Pump flow	L/min	233	233	255	267	267	334
Pump head	m	20	20	25	30	34	47
Max. power consumption	KW	26.2	38.2	51	76	75	95.5
Alarm function	/	Pump reversal/Water shortage/Overheating/Overloading/High pressure					
Cooling water pipe	inch	1/2	1/2	1/2	3/4	3/4	3/4
Circulating water pipe	inch	1.2	1.2	1.5	1.5	2	2
Size(L×W×H)	mm	900*420*950	1200*420*1100	1400*500*1250			1720*550*1350

TEMPERATURE CONTROL UNIT
TCU温控单元

The AODE TCU temperature control system uses the client's utility cooling and heating source (primary system) to supply heat and cooling to the TCU temperature control system (secondary system), and uses the secondary system to precisely control the temperature of the process system, and realises that there is only one heat transfer medium in the reactor jacket.

TCU GLYCOL WATER SERIES

-40°C +140°C

- The use of heat exchangers for hot and cold heat transfer, the use of high and low temperature heat source for heat transfer and temperature control, you can achieve a wide temperature range, can achieve -40 ~ 140 °C full range of temperature control .
- Customised design of temperature control system for different cold and heat sources.
- Built-in electric heater for auxiliary heating, so that the TCU temperature control system can reach a higher design temperature; the maximum design temperature can reach 200 °C, the operating temperature of 180 °C.

ITEM	UNIT	ARDJ-20	ARDJ-50	ARDJ-75
Temp control accuracy	°C	PID ±1°C		
Power supply	/	3P AC380V/480V 50HZ(3phase+Earth)		
Heat transfer medium	/	Glycol aqueous solution		
Cooling method	/	Indirect cooling (chilled water/cooling water)		
Heating method	/	Indirect heating (steam/high-temperature thermal oil)/direct heating		
Pump Horsepower	hp	2	5.0	7.5
Pump flow	L/min	200	300	533
Pump head	m	20	30	50
Max. power consumption	KW	1.5	4	5.5
Cooling water pipe	inch	1.5″	2″	3″
Circulating water pipe	inch	1.5″	2″	3″
Expansion tank volume	L	100	200	500

TCU HEAT TRANSFER OIL SERIES

-80°C +260°C

- Use the control valve to control and regulate the hot and cold sources, heat exchanger for hot and cold heat transfer, 2-stage circulating pump circulates the constant temperature, so that the temperature of the process equipment is stable.
- Using external high and low temperature heat source for heat transfer and temperature control, it can reach a wide temperature range, and can realise the full range temperature control of -80~300°C.
- It can use the higher limit temperature of the AODE temperature control equipment, so that the TCU temperature control system can reach a more extreme design temperature; the highest temperature can reach 400°C, and the lowest temperature can reach -110°C.

ITEM	UNIT	AYJ-20	AYJ-50	AYJ-75
Temp control accuracy	°C	PID ±1°C		
Power supply	/	3P AC380V/480V 50HZ(3phase+Earth)		
Heat transfer medium	/	thermal grease		
Cooling method	/	Indirect cooling (chilled water/cooling water)		
Heating method	/	Direct or indirect heating		
Motor power	KW	1.5	3.0	4.0
Pump flow	m^3/h	6	16	12.5/18
Pump head	m	28	32	50/38
Max. power consumption	KW	1.5	3	4
Circulating medium piping	inch	1″	1.2″	1.5″
Cold and heat source piping	inch	3/4″	1″	1.2″

AODE奥德

ELECTRIC HEATING ORGANIC HEAT TRANSFER MATERIAL HEATER
电加热导热油炉 +25°C +400°C

ITEM	UNIT	YWDR0.12-0.5/300/280	YWDR0.24-0.5/300/280	YWDR0.3-0.5/300/280	YWDR0.6-0.5/300/280	YWDR1.0-0.5/300/280	YWDR1.5-0.5/300/280
Temp control accuracy	°C	PID±1°C					
Power supply	/	3P AC380V/480V 50HZ(3phase+Earth)					
Heat transfer medium	/	Thermal conductive oil					
Rated power	KW	120	240	300	600	1000	1500
Thermal efficiency	%	98	98	98	98	98	98
Design pressure	Mpa	0.75	0.75	0.75	0.75	0.75	0.75
Motor power	KW	5.5	11.0	11.0*2	22.0*2	37.0*2	45.0*2
Pump flow	m^3/h	34	50	50	100	160	200
Pump head	m	40	50	50	55	50	53
Max. power consumption	KW	127.5	251	322	622	1037	1545
Alarm function	/	Pump reversal/Oil shortage/Overheating/Overload/Abnormal heating/Pressure to protect					
Connecting pipe size	inch	2″	3″	3″	4″	6″	8″
Size(L×W×H)	mm	2450*800*1900	2520*900*2100	2600*1000*2170	2800*1300*3000	3000*2200*3500	4200*3000*3800

ELECTRIC HEATING ORGANIC HEAT TRANSFER MATERIAL HEATER

电加热导热油炉 +25℃ ☼ +400℃

项目	单位	AEOT-20BF-24	AEOT-30BF-36	AEOT-40BF-45	AEOT-50BF-60	AEOT-75BF-75	AEOT-100BF-90
温控精度	℃	PID±1℃					
电源	/	3P AC380V/480V 50HZ(3phase+Earth)					
传热媒体	/	导热油					
冷却方式	/	间接冷却					无冷却
膨胀箱容量	L	67	67	100	100	150	150
加热功率	KW	18/24	30/36	40/45	50/60	75	96(48+48)
电机功率	KW	1.5	2.2	2.2	3.0	4.0	5.5
循环泵流量	m^3/h	6	10	12.5	16	12.5/18	30/34
循环泵扬程	m	28	28	30	32	50/38	50/40
最大电力消耗	KW	25.5	38.5	48	63	79	102
报警功能	/	逆相/缺油/超温/过载/加热异常报警					
冷却水配管	inch	1/2″	1/2″	1/2″	1/2″	1/2″	NA
循环油配管	inch	1″	1″	1-1/4″	1-1/4″	1-1/2″	2″
整机参考尺寸	mm	2100*600*1350	2250*700*1550	2250*800*1650	2450*800*1650	2450*800*1650	2300*800*1800

SPECIAL TMPERATURE CONTROL UNIT FOR EXTRUSION

挤出专用温控单元 +25℃ ☼ +120℃

ITEM	UNIT	AEX -05	AEX-10	AEX-20	AEXT-10	AEXF-10
Temp control range	℃	Inlet water temperature +25℃-120℃				
Temp control accuracy	℃	PID ±1℃				
Power supply	/	AC 3N-380V/480V-50HZ				
Heat transfer medium	/	Water				
Cooling method	/	Direct cooling				
Heating capacity	KW	3	4	9	4*3	4*4
Motor power	KW	0.57	0.75	1.5	0.75*3	0.75*4
Pump flow	L/min	35	100	180	100	100
Pump head	m	20	22	24	22	22
Max. power consumption	KW	4	5	11	21	28
Alarm function	/	Pump reversal/Water shortage/Excess temperature/Overload				
Cooling water pipe	inch	1/2	1/2	1/2	3/4	1
Circulating water pipe	inch	1/2	3/4	1	3/4*3	3/4*4
Size(L×W×H)	mm	525*260*530	525*260*530	800*325*640	800*900*1000	800*1200*1000

BWS HIGH-GLOSS STEAM MOLD TEMPERATURE CONTROL UNIT

BWS高光无痕模温控制机 +25℃ +180℃

- Eliminate soluble wiring, melted marks, corrugated, silver marks on the product surface.
- Completely solve surface shrinkage of plastic products.
- Improve the surface gloss, the surface roughness is similar to mirror.
- Products do not need to spray paint processing, improve the rate of finished products of 20-30%.
- Solve the fiber products floating fiber problem, make the product quality perfect.
- The thin-wall molding can improve the liquidity of injection, improve product quality and intensity
- Thick-wall injection molding cycle can be reduced by 60%, increase the liquidity and fill effects of the plastic
- Condensation,heat release,quicken the speed of heat exchanger,enhance the heating rate
- Without connecting boilers and other external thermostat auxiliary equipment,omitted the complex boiler equipment (high-pressure equipment safety and Environmental approval) and Pipeline Project.
- Completely solve the problem of the boiler steam non-recyclable.
- Small volume can match different machines, 180 °C hot water can replace the boiler, which is not Environmental friendly.

ITEM	UNIT	BWS - 600	BWS - 800	BWS -1600
Power supply	V/Hz	AC 3N-380/400V-50Hz		
Total power	kw	65	106	157
Total current	A	100	160	236
Control mode	/	PLC&人机交互界面 HMI		
Maximum water consumption	kg	70	125	184
Saturated steamtemperature	℃	182		
Water filling pump power	kw	0.75		
Cooling pump power	kw	1.5	2.2	4
Cold/ hot water circulation outlet and inlet dimention	inch	1或3/8 (6进6出) (6outlet6inlet)	1-1/4或3/8(10进10出) (10outlet10inlet)	1-1/2或3/8(14进14出) (14outlet14inlet)
Cooling water inlet dimension	inch	1-1/4	1-1/2	2
Compressed air inlet diameter	inch	1/2	1/2	1/2
Size(L×W×H)	mm	1450*700*1350	1750*900*1350	1950*950*1550

AFCH SERIES FAST HOT-COOL MOLD TEMPERATURE CONTROL UNIT

AFCH系列急冷急热模温控制机 +25℃ +180℃

Steam mold temperature control unit provide high-temperature steam, when clamping the mold, the high temperature steam is injected into the injection, the mold temperature is increase to a set temperature value, then inject the plastic into the injection cavity. Inject cooling water or chilled water rapidly after the completion of the injection molding machine holding pressure, so that the mold can open after the mold temperature comes down to a set value within a short period of time, blow air into the mold to blow away the remnants cold water, completing a injection process cycle control, through such rapid hot and cold plastic molding can completely solve the appearance of defects of the plastic parts, improve production efficiency.

- Eliminate the product surface soluble wiring and melted warks
- Increase the liquidity and fill effects of the plastic
- Improve the surface gloss, the surface roughness is imilar to the mirror.
- Products do not need to spray paint processing, increas the finishedproducts rate by 20-30%.
- Solve the fiber products floating fiber problem, make the product quality perfect

ITEM	UNIT	AFCH -1600
Power supply	V/Hz	AC 3N-380/400V-50Hz(3phase+Earth)
Total power	kw	3.06
Control mode	/	PLC&人机交互界面HMI
Hot-Cold conversion speed	s	15-50
Cooling water pump power	kw	3
Cooling water inlet dimension	inch	1-1/2
Steam inlet diameter	inch	1-1/2
Steam circling system diameter	inch	1-1/2
Size(L×W×H)	mm	1375*550*1570

APPLICATIONS
应用领域

TO ACHIEVE INDUSTRY-WIDE COVERAGE IN THE INDUSTRIAL SECTOR AND IMPORT SUBSTITUTION OF HIGH-END PRODUCTS.

5G materials, 3C communications, energy storage, integrated die-casting, circuit boards, semiconductors, military, new energy, aerospace, scientific research, rail transportation, automotive parts, chemicals, pharmaceuticals, precision injection moulding, rubber, sheet/sheet/film, food, printing and dyeing, packaging, drying, composite materials, carbon fibre products and so on.

COMPONENT
选用配件

Germany BITZER, Germany BOCK, Taiwan HANZHONG, the United States of America Copeland, Denmark Danfoss, Japan Panasonic compressor; Denmark Grundfos pump, Germany specK pump; Alfa Laval heat exchanger

High-efficiency condenser, evaporator; Danish Danfoss, Italy Carle throttle device; Danish Danfoss pressure transmitter; Japan ARK air filter; Italy OR solenoid valve; Germany RTK proportional valve and so on.

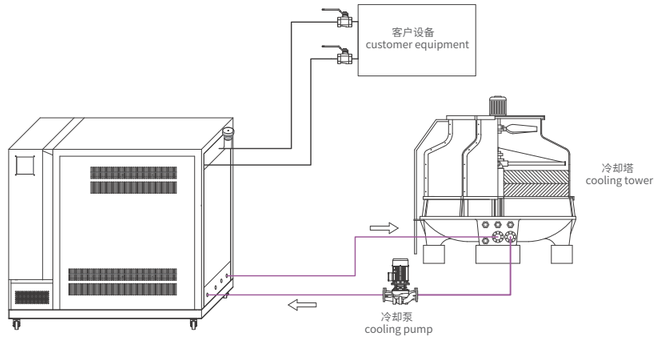
Germany Siemens controller, human-machine interface, contactor, thermal relay, Japan Omron phase sequence protection and other well-known brands of electronic components

COOPERATION BRANDS
合作品牌

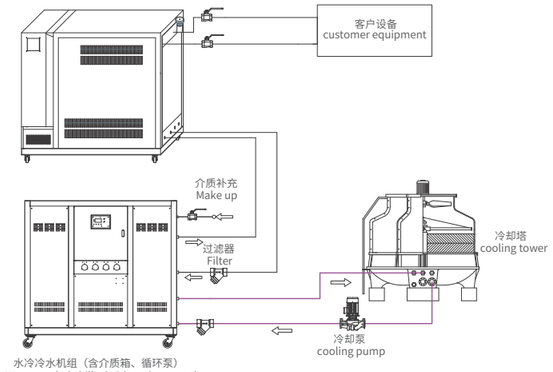
SIEMENS · Danfoss · HANBELL · spirax sarco · YOKOGAWA · bürkert · ALLWEILER

GEA · Panasonic · GRUNDFOS · SWEP · ASCO numatics · RTK · SAMSON · KSB

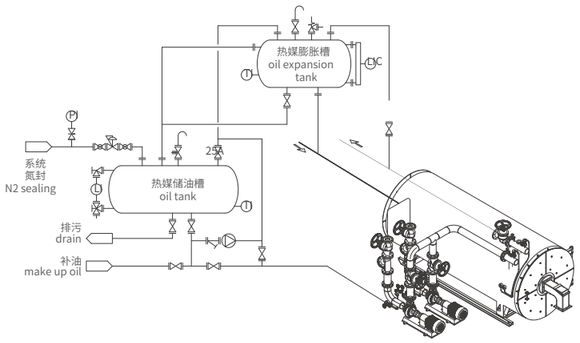
模温机安装管路流程图
MOLD TEMPERATURE CONTROL UNIT PIPELINE INSTALLATION DRAWING



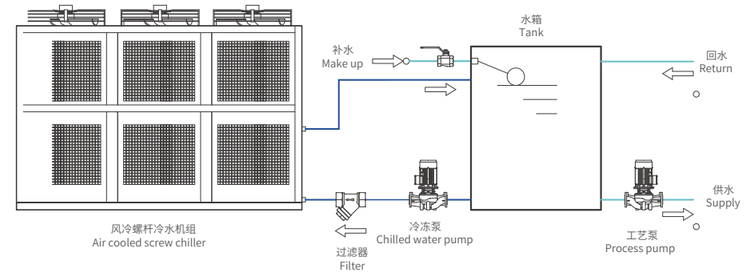
模温机、冷水机组合外部管路连接图
MOLD TEMPERATURE CONTROL UNIT AND CHILLER'S PIPELINE CONNECTION DIAGRAM



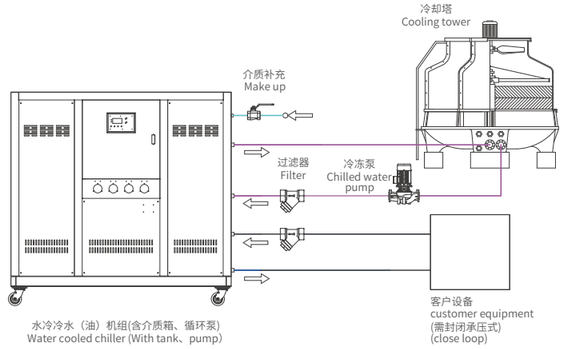
燃气(油)有机热载体炉外部连接管路
GAS /FUEL FIRED ORGANIC HEAT TRANSFER MATERIAL HEATER PIPELINE DRAWING



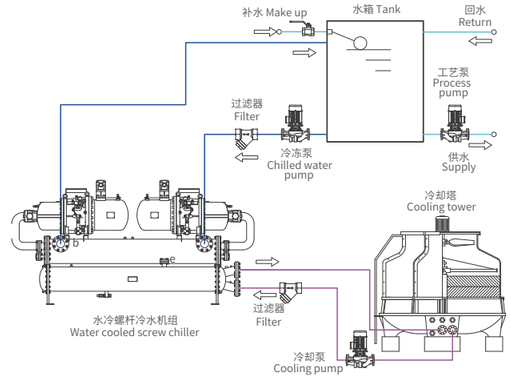
风冷螺杆冷水机组外部管路连接参考图
AIR COOLED SCREW CHILLER PIPE CONNECTION DIAGRAM



水冷冷水(油)机组外部管路连接参考图
WATER COOLED CHILLER PIPE CONNECTION DIAGRAM



水冷螺杆冷水机组外部管路连接参考图
WATER COOLED SCREW CHILLER PIPE CONNECTION DIAGRAM



SUCCESSFUL CASES
成功案例

CHOOSE AODE

In China, Aode's professionalism makes the national brand replace the imported brand.
Overseas, Aode's quality makes us the pride of Made in China. Temperature control we guarantee for you.
For more cases,please visit the website： www.aodetcu.com

❶ Automotive integrated die-casting	❷ Die-casting industry	❸ Wind power industry	❹ chemical medicine
❺ Testing Industry	❻ Organic heat carrier furnace (chemical fibre)	❼ petrochemicals	❽ 5G circuit boards
❾ Rubber industry	❿ Moulding temperature control	⓫ Temperature control for calendering lines	⓬ Injection moulding industry


1


2


3


4


5


6


7


8


9


10


11


12

OUR PARTNERS
合作伙伴.

11000+成功案例
11,000 + Success Stories

已有超过80000台/套奥德设备在全球范围内连续稳定运转
There are more than 80,000 units of AODE equipment in continuous and stable operation around the world.

*以上列举部分合作品牌且排名不分先后

化工行业 CHEMICAL INDUSTRY

新能源/汽车部件检测 NEW ENERGY VEHICLE/AUTOMOTIVE COMPONENT TESTING

橡胶行业 RUBBER INDUSTRY

塑胶行业 PLASTIC INDUSTRY

压铸行业 DIECASTING INDUSTRY

片板模 SHEET/PLATE/FILM INDUSTRY

复材行业 COMPOSITE MATERIAL INDUSTRY

大学及科研院校 UNIVERSITIES AND RESEARCH INSTITUTES