



## **Mold Temperature Controller ( Water Type)**

AMTC-W Series Mold Temperature Controller ( Water Type) are mainly used to heat and supply a constant temperature to plastic injection mold. Mold temperature controller was originally used in the temperature control industry of injection molds. Later, with the development of the machinery industry, the application became more and more extensive.

Now mold temperature controllers are generally divided into water temperature controllers and oil temperature controllers, and the temperature control accuracy can reach  $\pm 0.1^{\circ}\text{C}$ . Mold temperature machines can be divided into two types, one is a water-medium mold temperature machine, which is also called a water temperature machine or a water circulation heating machine. One is a mold temperature controller with heat transfer oil medium, which is better than an oil temperature controller or an oil circulating temperature controller.

## **Mold Temperature Controller ( Water Type)**

### **1. Mold Temperature Controller ( Water Type) Introduction**

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### **2. Mold Temperature Controller ( Water Type) Parameter (Specifications)**

Ningbo Aumax Plastic Machinery Co., Ltd

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Heating Type Heating Type		Water Type					
		Single Unit			Two-in-One Unit		
Model		AMTC-6-W	AMTC-9-W	AMTC-12-W	AMTC-6-WD	AMTC-9-WD	AMTC-12-WD
Maximum Temp.		120°C			120°C		
Cooling Method		Direct Cooling					
Heater Power	KW	6	9	12	6x2pcs	9x2pcs	12x2pcs
Pump Power	KW	0.37	0.75	1.5	0.37x2pcs	0.75x2pcs	1.5x2pcs
Max. Flowrate	L/min	35	60	90	35x2	60x2	90x2
Max. Pressure	Bar	3	4.5	4.5	3	4.5	4.5
Connector Size	Inch	3/8"(2x2)	3/8"(2x2)	3/8"(4x2)	3/8"(4x2)	3/8"(4x2)	3/8"(8x2)
Weight	kg	60	70	90	100	120	150
L	mm	900	900	1000	1000	1000	1150
W	mm	315	315	350	370	370	450
H	mm	700	700	800	800	800	900

Please excuse for not note if some specifications of products are changed.

Note:

- 1) "W" means water type single unit;"WD" means water type double units (2-in-1 type).
- 2) The standard power supply is 3Ø 380V 50Hz. Other power supply is available.

### 3. Mold Temperature Controller ( Water Type) Features & Application

- 1) The mold temperature machine adopts high-quality water pumps, heaters, microcomputer controllers and electrical units imported from Europe and the United States, with excellent performance, quietness, power saving, low energy consumption and high temperature control accuracy.
- 2) All stainless steel material, anti-corrosion, durable, safe and reliable.
- 3) The performance is safe and reliable. high degree of automation. Compact structure, beautiful appearance and easy to use. Good energy-saving efficiency, power-saving and durable, long service life.
- 4) It is small in size and occupies a small area. It can be installed near the heat-using equipment. There is no need to set up a boiler room or a special person to operate. It can reduce equipment investment and operating costs, and return investment quickly.
- 5) The heating is uniform and soft, the temperature adjustment adopts PID self-tuning intelligent control, the highest temperature control is 120°C, and the temperature control accuracy is high $\pm 1^{\circ}\text{C}$ , which can meet the strict requirements of high process standards.

### 4. Mold Temperature Controller ( Water Type) Qualification

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Aumax Plast has been focusing on R&D and manufacturing of plastic recycling machine and auxiliary equipment for injection molding machine, blowing molding machine and plastic extrusion line for more than 15years.

We have obtained various domestic and foreign certifications such as ISO9001, ISO14001, CE, etc., which fully demonstrates that our products fully comply with international standards and the quality of products is guaranteed.



## 5. Delivery, Shipping and Serving

Normally, the delivery time of our plastic machines is 10-20 days after order confirmed and advance payment. The water type mold temperature controller machines are packed in plywood cases. Usually, we ship large machines by LCL or FCL ocean shipping. Sometimes, customers need machine urgently, we ship machine by air or express.

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**Packing:**



**Shipping:**



Sea Transportation



Air Transportation



Express

## 6. FAQ

**1. Q: What is the MOQ?**

A: The MOQ is 1 set for all products..

**2. Q: Where is the loading port?**

A: The nearest port to our factory is port of Ningbo, China, as well as we can send machine to Yiwu, Shanghai, Guangdong or any other cities in China.

**3. Q: What are the payment terms?**

A: The preferential payment term is T/T, while other payment terms are negotiable.

**4. Q: What are your terms of delivery?**

A: We accept FOB, CFR, CIF, EXW, and DDU. You can choose the terms which is the most convenient and cost effective to you.

**5. Q: How does your factory carry out quality control?**

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A: Powerful R&D teams and professional QC department take care of every detail during design, processing, assembling, testing and packing.

**6. Q: Can you supply OEM and customized products?**

A: Yes, we can supply OEM / ODM service. Our engineers have rich experience in design and production of plastic auxiliary equipment. We can supply special products according to your ideas and drawings.

**7. Q: What about warranty terms?**

A: We provide one year warranty for all of our products. During warranty period, if any machine parts damaged due to quality, we will send the new parts by courier immediately by free of charge. Also, we supply 24 hours online service and technical support.

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