

## RMUP-500



 810W  
COOLING CAPACITY



Package Dimension: 66\*55\*38(L\*W\*H)

UV Laser Chillers  
(/uv-laser-  
chillers\_c4)

## Video






1/14

With ±0.1℃ temperature stability, portable water chiller RMUP-500 can provide efficient & reliable cooling for the UV laser

- CNC Spindle Chillers  
(/cnc-spindle-chillers\_c5)
- Standard Chillers    +  
(/standard-chillers\_c3)

## Hot Products

- co2 laser chillers 800W cooling
- Recirculating Closed Loop Water Chiller
- Industrial Water Cooling Portable Chiller

## Latest Blog

- Can recirculating water chiller which cools laser diamond cutting machine be connected to tap water? (/blog/can-recirculating-water-chiller-which-cools-laser-diamond-cutting-machine-be-connected-to-tap-water\_b950)
- Refrigeration Air Cooled Water Chiller Helps a Japanese Client's Sign Business Grow (/blog/refrigeration-air-cooled-water-chiller-helps-a-japanese-client-s-sign-business-grow\_b949)
- What may lead to water

### Small water chiller features

1. With environmental refrigerant;
2. Rack mount design, long working life and simple operation;
3. ±0.1℃ precise temperature control;
4. The temperature controller has 2 control modes, applicable to different applied occasions; with various
5. Multiple alarm functions: compressor time-delay protection, compressor overcurrent protection, water fl alarm;
6. CE approval; RoHS approval; REACH approval;

THE WARRANTY IS 2 YEARS AND THE PRODUCT IS UNDERWRITTEN BY INSURANCE COMPANY

### Rack mount water chiller specification

pump burning up in handheld fiber laser welder coolant chiller system? (/blog/what-may-lead-to-water-pump-burning-up-in-handheld-fiber-laser-welder-coolant-chiller-system\_b948)

What Makes Laser Water Chiller CW-6300 Impress a Singapore CNC Laser Cutter User? (/blog/what-makes-laser-water-chiller-cw-6300-impress-a-singapore-cnc-laser-cutter-user\_b947)

What is the ideal process cooling unit for 3KW PVC sheet CNC engraving machine spindle? (/blog/what-is-the-ideal-process-cooling-unit-for-3kw-pvc-sheet-cnc-engraving-machine-spindle\_b946)

Why Us



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Technology Leader (/Technology-

Provide systematic products and customized service; Products diversification and wide applications; More than

RMUP-500

Voltage	AC 1P 220V
Frequency	50 Hz
Current	0.9~6.5 A
Machine power	1.10 kW
Compressor power	0.32 kW
	0.44 HP
Nominal cooling capacity	2764 Btu/h
	0.81 kW
	696 Kcal/h
Refrigerant	R-134a
Refrigerant charge	300g
Precision	±0.1℃
Reducer	毛细管Capillary
Pump power	0.1 kW
Tank capacity	5.5 L
Inlet and outlet	Rp1/2"
Max.pump lift	25 M
Max.pump flow	16L/min
N.W.	28 Kgs
G.W.	31 Kgs
Dimension	49 X 48 X 26cm (LXW
Package dimension	66 X 55 X 38cm (LXW

Note: the working current can be different under different working conditions; The above information is for reference only

PRODUCT INTRODUCTION

Independent production of sheet metal, evaporator and c  
Adopt IPG fiber laser for welding and cutting sheet metal.  
Temperature control accuracy can reach ±0.1℃.





(/production-advantage\_d17)

Production Advantage  
(/Production-

18,000 square meters brand new industrial refrigeration system research center and production base. Strictly



(/s-a-chiller-sales-network\_d18)

S&A Chiller Sales  
Network (/S-A-Chiller-

The warranty is 2 years and the product is underwritten by insurance company. S&A has established service points in



Ease of moving and water filling.



**Inlet and outlet connector equipped**  
**Multiple alarm protection.**

The laser will stop working once it receives alarm signal from the water chiller fo





**Cooling fan of famous brand installed.  
With high quality and low failure rate.**



**Ease of draining water**





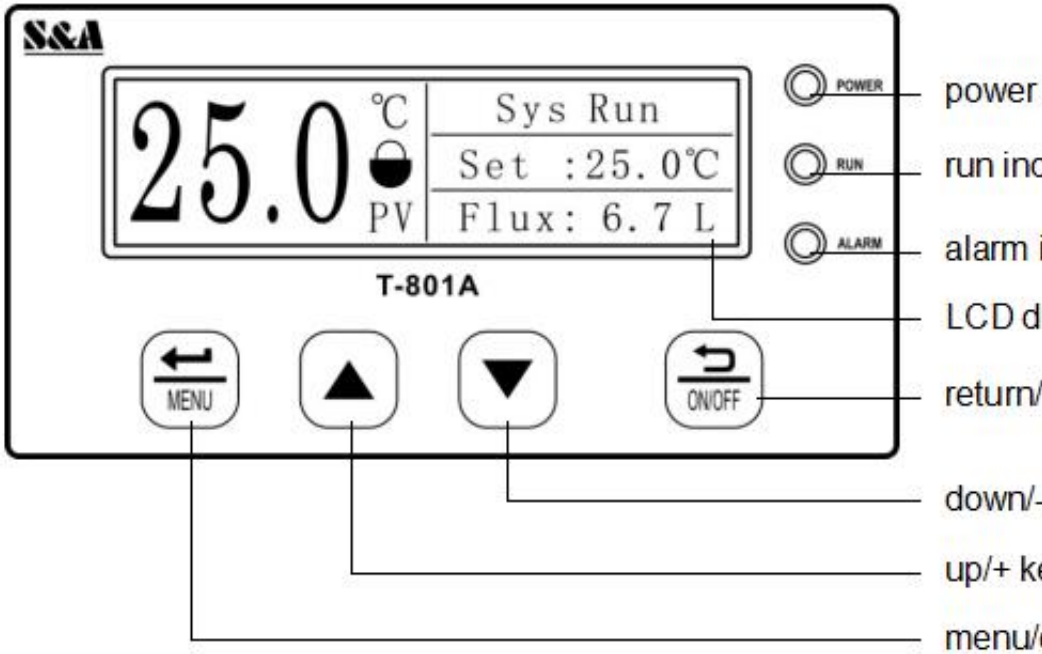
### TEMPERATURE CONTROLLER PANEL DESCRIPTION

The intelligent temperature controller does not need to adjust the controlling parameters under normal circumstances according to room temperature for meeting equipment cooling requirements. User also can adjust the water temperature as needed.





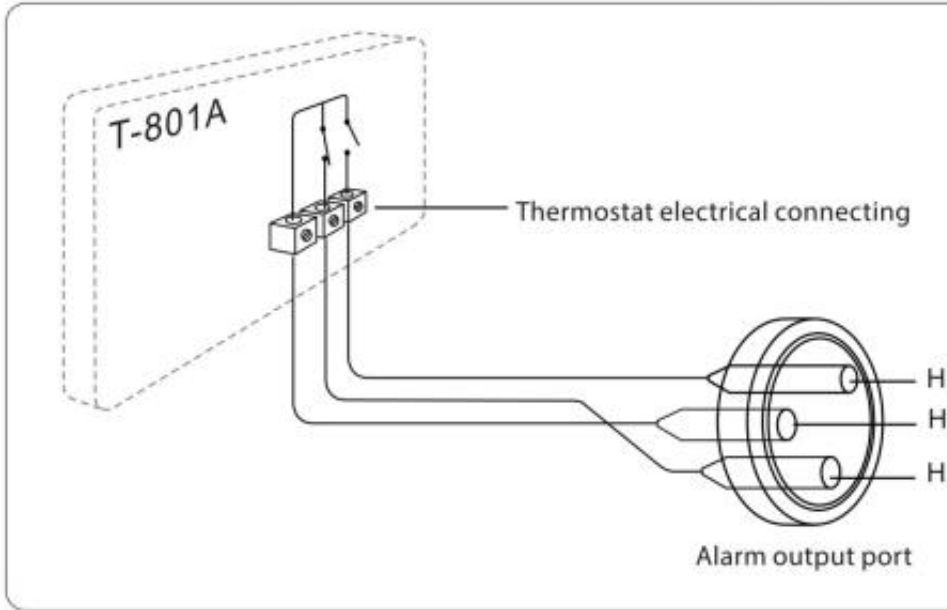
Temperature controller panel description :



**ALARM AND OUTPUT PORTS**

In order to guarantee the equipment will not be effected while abnormal situation happens on the chiller, F protection function.

- 1. Alarm output terminals and wiring diagram.



2. Alarm causes and working status table.

working status \ Display	Buzzer	Input port H1、H2
Circulation pump works properly		Disconnection
Media temperature sensor failure	Sounds	Breakover
Ambient temperature sensor failure	Sounds	Breakover
Flow rate protection	Sounds	Breakover
Liquid level protection	Sounds	Breakover
Upper temperature limit alarm	Sounds	Breakover
Lower temperature limit alarm	Sounds	Breakover
Lower flow rate limit protection	Sounds	Breakover
Abnormal system operation	Sounds	Breakover
Interruption of chiller power supply		Breakover

Note: The flow alarm is connected to the normally open relay and normally closed relay contacts, requiring voltage less than 300V.

CHILLER APPLICATION





### WAREHOUSE

18,000 square meters brand new industrial refrigeration system research center and production base. Strict system, using mass modularized standard produces, and standard parts rate up to 80% which are the source of quality. Annual production capacity of 60,000 units, focus on large, medium and small power chiller production and



### TEST SYSTEM

With excellent laboratory testing system, simulates actual working environment for chiller. Overall performance complete performance test must be executed on each finished chiller.



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↓ **NEXT :** Industrial UV Laser Water Chiller System With Precision Temperature Control (/Industrial-Uv-Laser-Water-...

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Subject :  
Rack Mount Industrial Chiller Unit For 10W-15W UV Laser (/Rack-Mount-Industrial-Chiller-Unit-For-10w-15w-Uv-Laser\_p241.Html)

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If you have questions or suggestions,please leave us a message,we will reply you as soon as we can!

Submit

## Related Product



RM-300



✓

UV  
LASER CHILLER

✓

± 0.3°C

✓

440W  
COOLING CAPACITY

(/3w-5w-uv-laser-water-chillers-with-rack-mount-design\_p43.html)

3W-5W UV laser water chillers with rack mount design (/3w-5w-uv-laser-water-chillers-with-rack-

S&A RM-300 rack mount water chillers are designed for cooling 3W-5W UV lasers. Rack-Mount water chillers has 2 temperature control modes as constant

CW-5000T Series



✓

INDUSTRIAL  
WATER CHILLER

✓

± 0.3°C

✓

0.86-1.02KW  
COOLING CAPACITY

(/uv-led-flatbed-printer-recirculating-water-chiller-220v-50-60hz\_p235.html)

UV LED Flatbed Printer Recirculating Water Chiller 220V 50/60Hz (/uv-led-flatbed-printer-recirculating-

Recirculating water chiller CW-5000T Series is applicable to cool UV LED flatbed printer and supports 220V 50/60HZ. It is designed with intelligent temperature

Wat  
ch

Cooli  
CW-

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