



雷射(激光)加工設備機專用冷卻機

WATER CHILLER FOR LASER PROCESSING EQUIPMENT

CL SERIES



適用機械種類

- 真空設備
- 醫療用雷射機
- PCB雷射鑽孔機
- 雷射切割加工設備
- 雷射雕刻加工設備
- 3D金屬成型雷射加工設備

特性及功能

- 採用高效率熱交換器,提升熱交換效率。
- 使用不鏽鋼泵浦,水迴路系統採不銹鋼材質及防鏽設計,保持水質純淨度。
- 氣冷散熱、水冷散熱可依客戶現場環境需求搭配。
- 安裝簡單,保養容易。
- 採用智慧型溫度控制器,精度 $\pm 0.5^{\circ}\text{C} \sim 1.5^{\circ}\text{C}$ 。
- 溫控使用範圍: $20^{\circ}\text{C} \sim 40^{\circ}\text{C}$,可任意設定。
- 採用新型高效率環保冷媒,不汙染環境。
- 適用水質:純水。

APPLICATION

- Vacuum equipment
- Medical laser machine
- PCB laser drilling machine
- Laser cutting equipment
- Laser engraving equipment
- 3D metal forming laser processing Equipment

FEATURE

- It is used high-efficiency heat exchanger to increase heat exchanger rate.
- It is used stainless steel pump, with stainless steel and antirust for system of water circuit to keep water in pure.
- It is easy to install and maintain.
- Intelligent temperature control with precision is $\pm 0.5^{\circ}\text{C} \sim 1.5^{\circ}\text{C}$.
- Temperature range is $20^{\circ}\text{C} \sim 40^{\circ}\text{C}$ and can be set arbitrarily.
- Filling high-efficiency environmental refrigerant, without pollution.
- Water quality: pure water.

規格表 CL SERIES SPECIFICATION

型式 Model		CL-01	CL-04	CL-06	CL-08	CL-12	CL-24	CL-36	CL-60	CL-90	CL-120
冷卻能力Cooling capacity	BTU/HR 50/60Hz	800/1000	3200 / 4000	4800/6000	6400/8000	9600/12000	19200/24000	28800/36000	48000/60000	72000/90000	96000/120000
	KCAL/HR 50/60Hz	200/250	800 / 1000	1200/1500	1600/2000	2400/3000	4800/6000	7200/9000	12000/15000	18000/22500	24000/30000
	W 50/60Hz	235/295	940 / 1175	1405/1760	1875/2345	2815/3520	5630/7040	8445/10555	14075/17575	21115/26390	28150/35190
使用範圍 Operative range	室溫 Room temperature	5°C~45°C									
	液溫 Liquid temperature	5°C~45°C									
設定範圍 Setting range	差溫控制 Differential temperature controller	- 9.9°C ~ 9.9°C									
	定溫控制 Constant temperature controller	20°C~40°C									
電源 Power source	V	3Ø AC220V 50/60Hz									
總負荷電流 Total load current	A	2	7	8	8	8	10	18	25	38	44
泵浦馬力 Pump horsepower	W	60/80	450/560	450/560	450/560	450/560	530/750	700/1060	700/1060	1080/1620	1080/1620
泵浦吐出量 Pump discharge rate	l/min	16/20	16/20	16/20	16/20	24/30	24/30	40/50	40/50	72/90	80/100
水箱 Water tank	liter	10	14	26	26	26	52	65	94	133	133
進出口管徑 Inlet and outlet pipe-diameter	inch	1/2"x 1/2"	1/2"x1/2"	3/4"x3/4"	3/4"x3/4"	1"x1"	1"x1"	1"x1"	1-1/4"x1-1/4"	1-1/4"x1-1/4"	1-1/2"x1-1/2"
外型尺寸 Dimension (D x W x H)	mm	366x444x569	407x524x961	487x554x1092			487x654x1389	736x767x1552	911x942x1654	1350x1020x1788	1650x1100x1784
總重量 Weight	kg	42	80	95	95	97	144	210	300	389	430
冷媒 Refrigerant	gas	R134a/R407C									

* 能力測試數據標準點(進口溫度25°C、環境溫度35°C、60Hz) (參考值)

* 特殊規格設計及其它電壓需求請與我司聯絡

* 本公司因技術需求或升級有隨時更改內容、文字、產品規格之權利,變更恕不另行通知

* Standards of capability test data: Inlet temperature: 25°C, Ambient temperature: 35°C, 60Hz. (F.Y.R)

* If you have special specifications or need of other Voltage, please contact us.

* If our company has technical or upgrade requirements, we reserve right to change contents, words, and product specifications without further notice.