

WATER CHILLER FOR PHOTOELECTRICITY, SEMICONDUCTOR AND SOLAR ENERGY INDUSTRIES



適用機械種類

- 高精度雷射焊接機
- 各種光電、半導體及太陽能產業設備製程中的冷卻
- 高科技產業薄膜製程冷卻專用
- 需求高純度水質、高阻抗、去陰陽離子水的高科技產業設備專用冷卻

APPLICATION

- High-precision laser welding machine
- Photoelectricity, semiconductor and solar energy industries
- Cooling for hi-tech industries of thin film processing
- Requirement for pure water, high resistance and deionized (DI) hi-tech industries.

特性及功能

- 特殊PID溫度控制器，可使溫度保持 $\pm 0.2^{\circ}\text{C}$ ，使主機運作穩定
- 使用高壓泵浦及迴路洩壓保護系統
- 使用SUS316板式熱交換器大大提升熱交換率，節省電源消耗，並維持水質純淨，不會產生鏽蝕導致迴路阻塞故障。
- 所使用之離子交換樹脂專用於半導體業之DI水，可將水質純度保持至 $10\text{M}\Omega$ 以上的絕緣度。
- 採用新型高效率環保冷媒，不污染環境。

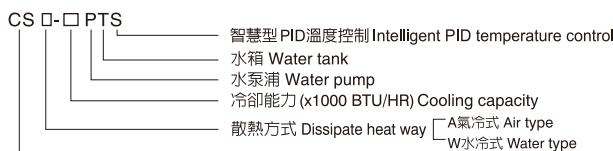
FEATURE

- Use the PID thermostat to maintain temperature precision $\pm 0.2^{\circ}\text{C}$.
- By using the high-pressure pump and protection system of circuit pressure relief.
- Use SUS 316 stainless steel compact brazed heat exchanger and energy saving to prevent the circuit from clogging or breakdown that caused by rust.
- Assembling DI water filter which could make the purity of DI water maintain above to $10\text{M}\Omega$.
- Filling the high-efficiency environmental refrigerant is without pollution.

規格表

CS SERIES SPECIFICATION

型式 Model		CS-01	CS-04	CS-12	CS-24	CS-36	CS-60	CS-90	CS-120
冷卻能力 Cooling capacity	BTU/HR 50/60Hz	800/1000	3200/4000	9600/12000	19200/24000	28800/36000	48000/60000	72000/90000	96000/120000
	KCAL/HR 50/60Hz	200/250	800/1000	2400/3000	4800/6000	7200/9000	12000/15000	18000/22500	24000/30000
	W 50/60Hz	232/290	929/1162	2790/3488	5580/6976	8372/10465	13952/17441	20929/26162	27906/34883
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	3 ϕ AC220V 50/60Hz							
總負荷電流 Total overburdening current consumption	A	3	5	6	9	13	14	38	42
水泵馬力 Water pump horsepower	W 50/60Hz	60/80	450/560	450/560	530/750	700/1060	700/1060	1080/1620	1080/1620
水泵浦吐量 Water pump discharge rate	l/min 50/60Hz	32/38	37/40	37/40	37/40	37/40	37/40	83/91	83/91
水箱 Water tank	liter	7	10	26	40	65	94	133	133
進出口管徑 Inlet and outlet pipe-diameter	inch	1/2"x1/2"	1/2"x1/2"	3/4"x3/4"	1"x1"	1"x1"	1"x1"	1-1/4"x1-1/4"	1-1/4"x1-1/4"
CSA外型尺寸 Dimension(DxWxH)	mm	366x444x569	378x456x794	518x506x1028	674x544x1198	926x606x1299	665x651x1388	695x815x1600	1350x1020x1788
CSW外型尺寸 Dimension(DxWxH)	mm	366x444x569	378x456x794	518x506x1028	674x544x1318	926x606x1299	926x606x1299	1105x705x1399	900x1350x1687
冷媒 Refrigerant	gas	R134a/R407C							
CSA重量 Weight	kg	44	54	92	125	175	214	387	415
CSW重量 Weight	kg	44	52	91	128	191	249	176	550



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