



WATER CHILLER FOR OPTOELECTRONICS, 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
- Optoelectronics, 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±0.2°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10MΩ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 ±0.2°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 10MΩ.
- 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	1000	4000	12000	24000	36000	60000	90000	120000
	KCAL/HR	250	1000	3000	6000	9000	15000	22500	30000
電源 Power Source	V	1 φ AC220V 50/60HZ or 3 φ AC220V 50/60HZ							
總負荷電流 Total load current	A	3.5	5.6	7.2	11.7	20	27	41	51.2
水泵馬力 Water pump horsepower	HP	1/3	1/3	1/2	1	1.7	1.8	3	4
水泵浦吐量 Water pump discharge rate	l/min	20	20	30	30	50	60	90	120
水箱 Water tank	liter	7	10	26	45	65	90	100	130
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	444x366x526.5	366x444x879	518x506x969	675x545x1265	926x606x1247	1105x705x1347	956x1306x1892	956x1306x1892
CSW外型尺寸 Dimension(DxWxH)	mm	444x366x526.5	366x444x879	518x506x969	675x545x1265	926x606x1247	926x606x1247	1105x705x1347	900x1350x1635
冷媒 Cooling medium	gas	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c
CSA重量 Weight	kg	44	70	95	138	182	270	440	570
CSW重量 Weight	kg	44	68.5	95.5	145	167	290	410	570

CS □-□ PTS

- S1 差溫控制 Differential temperature controller
- S2 定溫控制 Constant temperature controller
- 水箱 Water tank
- 水泵浦 Water pump
- 冷卻能力 (x1000) Cooling capacity
- 散熱方式 Condensing unit
  - A氣冷式 Air Cooled
  - W水冷式 Water Cooled
- 光電 & 半導體設備專用之冷卻機 Water chiller for optoelectronics, semiconductor and solar energy industries

適圍溫度： Room temperature: 35°C ↓