



台灣精品 2008
TAIWAN EXCELLENCE



經濟部 2009
創新研究獎



適用機械種類

- CNC 綜合立、臥式加工中心機
- CNC 線切割機
- CNC 高精度磨床
- CNC 五面綜合加工中心機
- 各種光電、半導體及太陽能產業設備製程中的冷卻
- 各種高精度溫控需求之產業設備

APPLICATION

- CNC vertical & horizontal machine center
- CNC wire cutting machine
- CNC high-precision grinding machine
- CNC machine center (5 surface)
- Photoelectricity, semiconductor and solar energy industries
- Requirement for high-precision industries

特性及功能

- 獨家設計之液晶顯示面板溫度控制器，溫控精度高，確保維持 $\pm 0.1^{\circ}\text{C}$ 恆溫狀態。
- 變頻壓縮機之使用，無瞬間啟動大電流耗電，節省能源消耗達33%。
- 低負荷運轉，同時達到省能源與高精度目標。
- 避免機械在加工過程中因溫升產生熱變位而失去精度。
- 採用新型高效率環保冷媒，不污染環境。

FEATURE

- Individual design for LCD control panel and the temperature precision could maintain $\pm 0.1^{\circ}\text{C}$.
- Using inverter compressor is that keeps electric current smoothly and saves energy to 33%.
- The energy saving and high precision are from the operation of low load.
- Reduce the temperature rise and maintain the precision during process.
- Filling the high-efficiency environmental refrigerant is without pollution.

規格表

CWID SERIES SPECIFICATION

型式 Model		CWID-04	CWID-08	CWID-12	CWID-24	CWID-36
冷卻能力 Cooling capacity	BTU/HR	4000	8000	12000	24000	36000
	KCAL/HR	1000	2000	3000	6000	9000
	W	1162	2325	3488	6976	10465
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 overburdening current consumption	A	6	9	10	20	21
水泵馬力 Water pump horsepower	W 50/60Hz	450/560	450/560	450/560	430/740	600/1040
水泵浦吐量 Water pump discharge rate	l/min 50/60Hz	37/40	37/40	37/40	40/50	40/50
水箱 Water tank	liter	12	25	25	40	50
進出口管徑 Inlet and outlet pipe-diameter	inch	1/2"x1/2"	3/4"x3/4"	3/4"x3/4"	1"x1"	1"x1"
外型尺寸 Dimension(DxWxH)	mm	378x456x794	521x510x1076	521x510x1076	674x544x1201	665x651x1388
總重量 Weight	kg	65	86	106	140	165
冷媒 Refrigerant	gas	R410A				
加水箱時外型尺寸 Dimension with water tank	mm	378x456x794	521x510x1076	521x510x1076	674x544x1201	665x651x1388
加水箱時總重量 Weight with water tank	kg	70	97	117	155	235

CWID □-□ PTS

- 智慧型PID溫度控制 Intelligent PID temperature control
- 水箱 Water tank
- 水泵 Water pump
- 冷卻能力(x1000 BTU/HR) Cooling capacity
- 散熱方式 Dissipate heat way A氣冷式 Air type W水冷式 Water type
- 高精度變頻式水冷卻機 High precision inverter water chiller

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