



台灣精品 2008
TAIWAN EXCELLENCE



適用機械種類

- CNC 綜合立、臥加工中心機
- CNC 磨床
- CNC 高速車床
- CNC 五面綜合加工中心機
- CNC 龍門磨床、銑床
- CNC 高速沖床
- 各種高精度溫控需求之精密機械及高速主軸

APPLICATION

- CNC vertical & horizontal machine center
- CNC grinding machine
- CNC high-speed lathe
- CNC machine center (5 surface)
- CNC double column grinding and milling machine
- CNC high-speed press machine
- Requirement for high-precision and high-speed spindle industries

特性及功能

- 獨家設計之溫度控制器，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

COI SERIES SPECIFICATION

型式 Model		COI-08	COI-12	COI-24	COI-36
冷凍能力 Cooling capacity	BTU/HR	8000	12000	24000	36000
	KCAL/HR	2000	3000	6000	9000
電源 Power source	V	3 ϕ AC220V 50/60HZ			
總負荷電流 Total overburdening current consumption	A	3.0~7.0	3.8~10.8	5.5~13	10~22
壓縮機消耗功率 Compressor consumption	KW	0.74	1.18	1.6	2.5
油泵馬力 Oil pump horsepower	HP	1/2	1	1	1
油泵浦吐量 Oil pump discharge rate	liter	20	40	40	40
油箱 Oil tank	l/min	34	34	53	68
進出口管徑 Inlet and outlet pipe-diameter	inch	3/4"x3/4"	3/4"x3/4"	1"x1"	1"x1"
外型尺寸 Dimension (DxWxH)	mm	360x440x980	360x440x980	470x560x1210	680x650x1426
總重量 Weight	kg	100	106	140	210
冷媒 Refrigerant	gas	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407C
加油箱時外型尺寸 Dimension with oil tank	mm	360x440x1230	360x440x1230	470x560x1440	680x650x1426
加油箱時總重量 Weight with oil tank	mm	110	117	155	235

COI-□ PTS

- S1 差溫控制 Differential temperature controller
- S2 定溫控制 Constant temperature controller
- 油箱 Oil tank
- 油泵 Oil pump
- 冷卻能力 (x1000) Cooling capacity
- 高精度變頻式油冷卻機 High precision inverter oil cooler

適圍溫度：

Room temperature: 35°C ↓