

wexten® 高精度變頻式油冷卻機

HIGH PRECISION INVERTER OIL COOLER



COID SERIES



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

COID SERIES SPECIFICATION

型式 Model		COID-04	COID-08	COID-12	COID-24	COID-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	25°C ~ 40°C				
電源 Power source	V	3 ϕ AC220V 50/60Hz				
總負荷電流 Total overburdening current consumption	A	6	11	19	20	25
油泵馬力 Oil pump horsepower	W	375	750	750	750	750
油泵浦吐量 Oil pump discharge rate	liter	12	30	30	30	40
油箱 Oil tank	l/min	12	35	35	40	50
進出口管徑 Inlet and outlet pipe-diameter	inch	1/2"x1/2"	1"x1"	1"x1"	1"x1"	1"x1"
外型尺寸 Dimension (DxWxH)	mm	378x456x794	487x555x983	487x555x983	674x544x1201	665x651x1388
總重量 Weight	kg	65	102	102	168	212
冷媒 Refrigerant	gas	R410A				
加油箱時外型尺寸 Dimension with oil tank	mm	378x456x794	400x500x1258	400x500x1258	520x575x1438	665x651x1388
加油箱時總重量 Weight with oil tank	mm	70	107	107	173	238

COID-□ PTS

- 智慧型PID溫度控制 Intelligent PID temperature control
- 油箱 Oil tank
- 油泵 Oil pump
- 冷卻能力 (x1000 BTU/HR) Cooling capacity
- 高精度變頻式油冷卻機 High precision inverter oil cooler

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