



適用機械種類

- CNC 銑床、磨床
- CNC 雕刻機
- 飾品加工業雕刻
- 陶瓷業雕刻

APPLICATION

- CNC milling and grinding machine
- CNC carving machine
- Carving for jewelry industries
- Carving for ceramics industries

特性及功能

- 短時間急速結凍原理來固定加工件，進而成為無夾痕且不破壞加工件外型的最佳高效率夾治具。
- 不管加工件的外型再多變，都能穩固的將加工件固定。
- 可適用於各種非磁性及不可用傳統夾具夾持之加工件。
- 冷凍吸盤盤面採純銅材質，熱傳效率高，防水設計周密及採用高效、具省電功能的特殊晶片。
- 採用新型高效率環保冷媒，不污染環境。

FEATURE

- By using the liquid frozen principle will rapidly fix the workpiece within a short time, thereby leaving no clamping residue for marks and it will not damage the shape of the workpiece.
- No matter how irregular shape of the workpiece, it can firmly fix the workpiece without leaving.
- It's suitable for nonmagnetic and unclamp workpiece.
- The thermoelectric modules inside the suction pad are very special, which are waterproof, copper material, high-efficiency heat conductivity and energy saving.
- Filling the high-efficiency environmental refrigerant is without pollution.

規格表

CM SERIES SPECIFICATION

| 型式 Model                                       |                    | CM-510                       | CM-520                       | CM-530                       |
|--|--------------------|------------------------------|------------------------------|------------------------------|
| 致冷晶片冷卻能力 TE module capacity                    | W                  | 510                          | 680                          | 850                          |
| 致冷晶片消耗電流 TE module consumption current         | A                  | 10                           | 10                           | 10                           |
| 致冷晶片溫度控制 TE module temperature control         | °C                 | 冷卻 COOL-30°C<br>加熱 HEAT+15°C | 冷卻 COOL-30°C<br>加熱 HEAT+15°C | 冷卻 COOL-30°C<br>加熱 HEAT+15°C |
| 冷凍機冷卻能力 Cooling capacity                       | BTU/HR<br>50/60Hz  | 96000/12000                  | 19200/24000                  | 19200/24000                  |
|  | KCAL/HR<br>50/60Hz | 2400/3000                    | 4800/6000                    | 4800/6000                    |
|  | W<br>50/60Hz       | 2790/3488                    | 5580/6976                    | 5580/6976                    |
| 晶片冷卻液 TE module coolant                        |                    | 乙二醇 Glycol                   | 乙二醇 Glycol                   | 乙二醇 Glycol                   |
| 冷凍液低溫範圍 Coolant low temperature range          | °C                 | -15°C                        | -15°C                        | -15°C                        |
| 水泵浦吐水量 Water pump discharge rate               | l/min              | 30                           | 30                           | 30                           |
| 冷卻機之消耗電力 Chiller consumption current           | A                  | 8                            | 10                           | 10                           |
| 冷凍吸盤之尺寸 Freezing suction pad dimension (DxWxH) | mm                 | 150x200x60                   | 150x300x60                   | 150x400x60                   |
| 冷卻機之外型尺寸 Chiller dimension (DxWxH)             | mm                 | 521x510x1066                 | 675x545x1265                 | 675x545x1265                 |
| 冷媒 Refrigerant                                 | gas                |                              | R404A                        |                              |
| 冷凍機(含吸盤)重量 Chiller weight with suction pad     | kg                 | 137                          | 162                          | 207                          |

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