

## 多功能液晶顯示豎式線性尺性能操作說明書

LCD digital scale units (Vertical Type) instructions and installation

本說明書用於 C6720N8 第 8 代改進多機能豎式液晶顯示尺操作用

The manual for the improvement of the eight generation of multi-function C6720N8 vertical axis scale with LCD display

### 1. 性能：Performance

- 1-1. 測距：行程 0-990mm 用 Measuring distance: 0-990mm general the whole trip
- 1-2. 器差： $\pm(0.02+0.00005*L)$ mm Control difference:  $\pm(0.02+0.00005 * L)$  mm
- 1-3. 精度讀值：0.01mm/0.001" Accuracy of reading: 0.01mm/0.001 "
- 1-4. 範圍： $\pm 999.99\text{mm}/39.369\text{"}$ (讀值至小數點後兩位)  
Range:  $\pm 999.99\text{mm}/39.369\text{"}$ (reading to two decimal places)
- 1-5. 最高動速：3 m/sec。The maximum moving speed: 3 m/sec
- 1-6. 輸出：本機不配此功能。 No such function
- 1-7. 電源：採用鋰電池 CR2032 DC 3.V X 1EA 工作時數 1000HR 以上，一般連續使用約 3-6 個月。  
(顯示幕數字閃爍時，提醒更換新電池，沒電後螢幕不顯示，有移動自動啟動/不動自動關閉功能，關掉壓紅色鍵也可。)  
Power: The mercury batteries CR2032 DC 3 V X 1EA 1000HR more hours of work, generally using about 3-6 month.(digital display flashes to remind replaced with new batteries, no electricity after which the screen is not displayed)
- 1-8. 工作環境：一般環境 5-40°C 相對溼度 80% 以下。  
Working environment: the general environment 5-40 °C. relative humidity below 80%.

### 2. 操作：Operation (面板功能鍵如下圖) LCD : 32.7\*14mm 大字體顯示



- 2-1. ON / OFF 鍵：紅色按鍵 ON 開 OFF 關 ON /OFF button
- 2-2. in/mm 鍵：公英制互換 Inch/mm system interchange
- 2-3. ABS 鍵：INC/ABS 相對值與絕對值互換鍵，可作歸零與累計值。  
Absolute value of the relative value of key exchange can also be zero key and the cumulative value of the key
- 2-4. ZERO 鍵：又叫 SET 起點設置歸零鍵。一般短押不超過 0.3 秒是歸零動作  
長押是超過 0.5 秒 是要設定 SET 起始值。常態設定是在 0.00  
Generally short charge no more than 0.3 seconds is zero action  
Charge is more than 0.5 seconds long is the set start value, Normal setting is at 0.00
- 2-5. PRE + /- 鍵：為設置正/負數值起始鍵，需先長押 ZERO/SET 鍵，液晶顯示幕右上方 SET 需在閃爍功能顯示下操作，要取消再押一次，設定值經 PRE 後的值將設定為 SET 啟動值。  
Set positive / negative values start button, First long charge ZERO / SET button, The top right of the LCD display shows SET function to be operated in flashing, To cancel a bet once again, After setting PRE value will be set after the start value of SET。
- 2-6. 電池蓋：更換電池將電池蓋往上推即可。 Replace the battery can push up the battery cover .

### 3. 注意事項：Note

- 3-1. 使用前請以乾淨擦拭紙或布，沾少許清潔油，反覆擦拭保護表面，以除去表面凝結的水分，及防銹蝕。  
Wipe with a clean before use paper or cloth to clean a little oil, protect the surface repeatedly wipe to remove surface moisture condensation, and anti-corrosion.
- 3-2. 請在機器電機維修時，暫時將電源卸下，以防止低電壓漏電，毀損 IC。  
Electrical maintenance in the machine, temporarily remove the power to prevent the low-voltage leakage, damage IC.
- 3-3. 保護膜汗垢以中性清潔劑沾布擦拭，嚴重油垢以汽車用粗辣擦拭。勿用溶劑(像酒精、甲苯、松香水)之類清潔，以免腐蝕尺體保護膜。  
Protective film dirt stick to a neutral detergent cloth, seriously spicy thick grease to clean vehicle. Do not use solvents (such as alcohol, toluene, pine scent) and the like clean, protective film to prevent corrosion scale body.
- 3-4. 在下雨天閃電很接近時，請關閉使用，平時一般狀況不用關機，保持開機狀態或休眠。  
When lightning is very close in the rain, turn off the use of general condition usually does not shut down.
- 3-5. 尺體安裝一定要作校直動作，如有撞擊到請確認尺體與主軸垂直度，有偏移，應自行以磁性座掛百分槓桿表校正，以防止故障。  
Scale body alignment after installation for all actions, if any, impact to make sure that the body and the spindle vertical scale, with offset blocks shall be linked to their own percentage of leverage to the table of magnetic correction to prevent failure.
- 3-6. 正確設置測量起點(常態是設定在 0.00, 除非更改設置，否則不要隨便壓 SET 鍵 做 PRE+/- 設定，以免發生量測錯誤。  
Measurement point is set correctly, Normal setting is at 0.00 unless the change the settings, otherwise it should not pressure to do PRE+/- key to set in order to avoid measurement error.
- 3-7. 當機時顯示螢幕出現液晶所有顯示字體與數字，需卸除電池，再裝電池，重新開機。

When the machine LCD display shows all the display fonts and figures, to be removed the battery, and then install the battery, reboot.

3-8. 如從市場買的 CR2032 DC3V 電池效果不佳，電壓不足 3V 時 表示電池放置過久，自然放電因素，已能量耗損，不可裝用，以免影響使用。

If bought from the market CR2032 DC3V battery results are poor, that the battery voltage less than 3V place too long, the natural discharge factor, has energy dissipation, is not equipped with, so as not to affect use.

#### 4. 狀況：Status

感謝您採用本司這項專利產品，本司備有完整售後零件庫，豎式主軸尺出現下列狀況時必需調整與維修，歡迎用網際網路取用 Adobe 檔案：

Thank you for using the patented products of the Division, the Division with a complete after-sales parts library, such as the use pieces of vertical axis scale must be adjusted when the following conditions and maintenance, please use Internet Cable of Adobe files:

1. 液晶幕顯示數值在正常計算下，突然瞬間跳脫至不正常之狀況表示：

LCD screen displays the normal numerical calculations, the sudden trip to the inter-Shun abnormal condition, said:

(1) 磨耗已超過蕊片感應間隙。(2) 光柵短路。(3) 感應蕊片之磁波已消退降至無法感測。

(1) wear more than Ruipian induction gap. (2) grating short circuit.

(3) the magnetic induction Ruipian has faded down can not sense.

2. 液晶幕顯示數值停止在記憶之狀態，顯示值不跳動計算。

LCD screen displays the status values to stop in the memory, the display does not beat calculation.

3. 液晶幕沒有數值顯現。 Value of the LCD screen does not appear.

4. 沒移動但液晶幕顯示數值一直不停的快速跳閃。

LCD screen display did not move but the value has been kept fast jump flash.

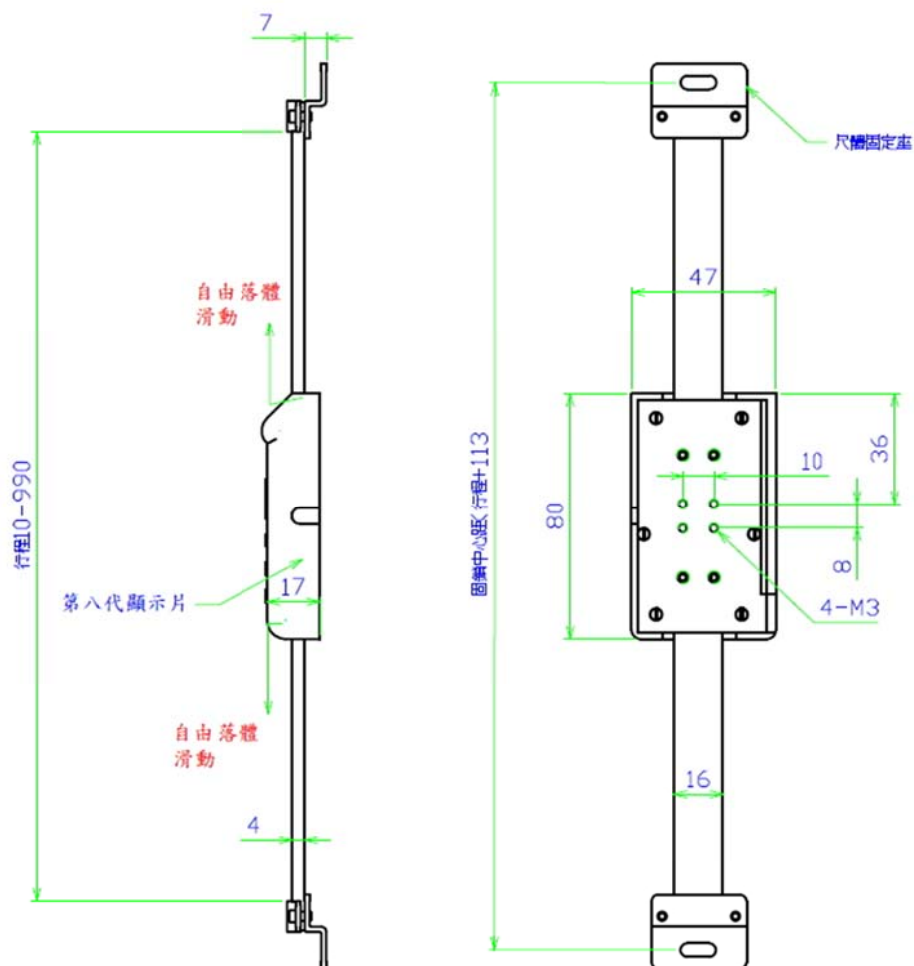
5. 液晶幕顯示數值無法在任一定點歸零。

LCD screen display at any given point values can not be zero.

6. 液晶幕顯示數值一直閃爍著。LCD screen display value has been shining.

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A complete description of these fully, you will be able to own troubleshooting.



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