

INSTRUCTION

組裝說明書

Vertical Digital Scale Units - Deluxe Mode

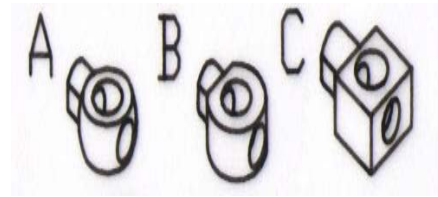
豎式主軸尺 - 豪華型

Installation Step

組裝步驟

- 1) Please choose a fit supporting-holder (8) to fix the scale-bar. There are three types - A, B & C for choices.

選適合之檔柱支座作固定 (8)
支座分 A、B 和 C 三種型式。



- 2) To fix up mounting-bracket (5) and down mounting-bracket (6) on main vertical axis of machine. (The enclosed drawing is for main vertical axis of #2.) (If the main vertical axis is 1.5# ~ 1.8# please chose the mounting-bracket of other types for suitable.) (It is important that the height of outstanding part of these two mounting-brackets have to equal.)

作 (5) (6) 等高墊於基準面之固定安裝 (1.5# ~ 1.6# 主軸頭之等高墊依機種選用) (重點：安裝必須等高，愈小愈好)

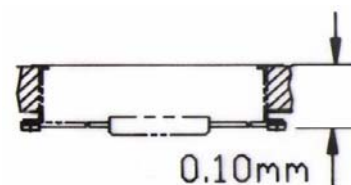
- 3) To screw in ball-head screw (9) with supporting holder. And install inside U-base (7). For a better status, the gap between ball-head screw & back-clip has to be required smallest distance. Specification of gap is $< 0.03\text{mm}$.

組裝配合調整鋼珠球頭 (9) 與背鈕 (7) 之組配餘隙越小越好。設計標準餘隙為 $< 0.03\text{mm}$

- 4) It is important to prohibit any bending or jut out for scale-bar by visual checking, which can avoid the problem about breakdown, hitch and malfunction...etc.

校正等高與防止故障的重點，為尺體固定且不得彎曲。

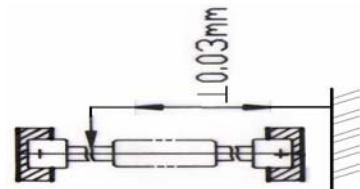
- 5) Parallelism Calibration : Under $\pm 0.10\text{mm}$
校正平行度： $\pm 0.10\text{mm}$ 內



Parallelism / 平行度

6) Squareness Calibration : Under +/-0.03mm

校正垂直度： +/- 0.03mm 內



Squareness / 垂直度

7) Caution : To complete the installation perfectly without failure, it is necessary to make the accurate calibration.

注意： 正確之校正，為完成組裝之必須工作。

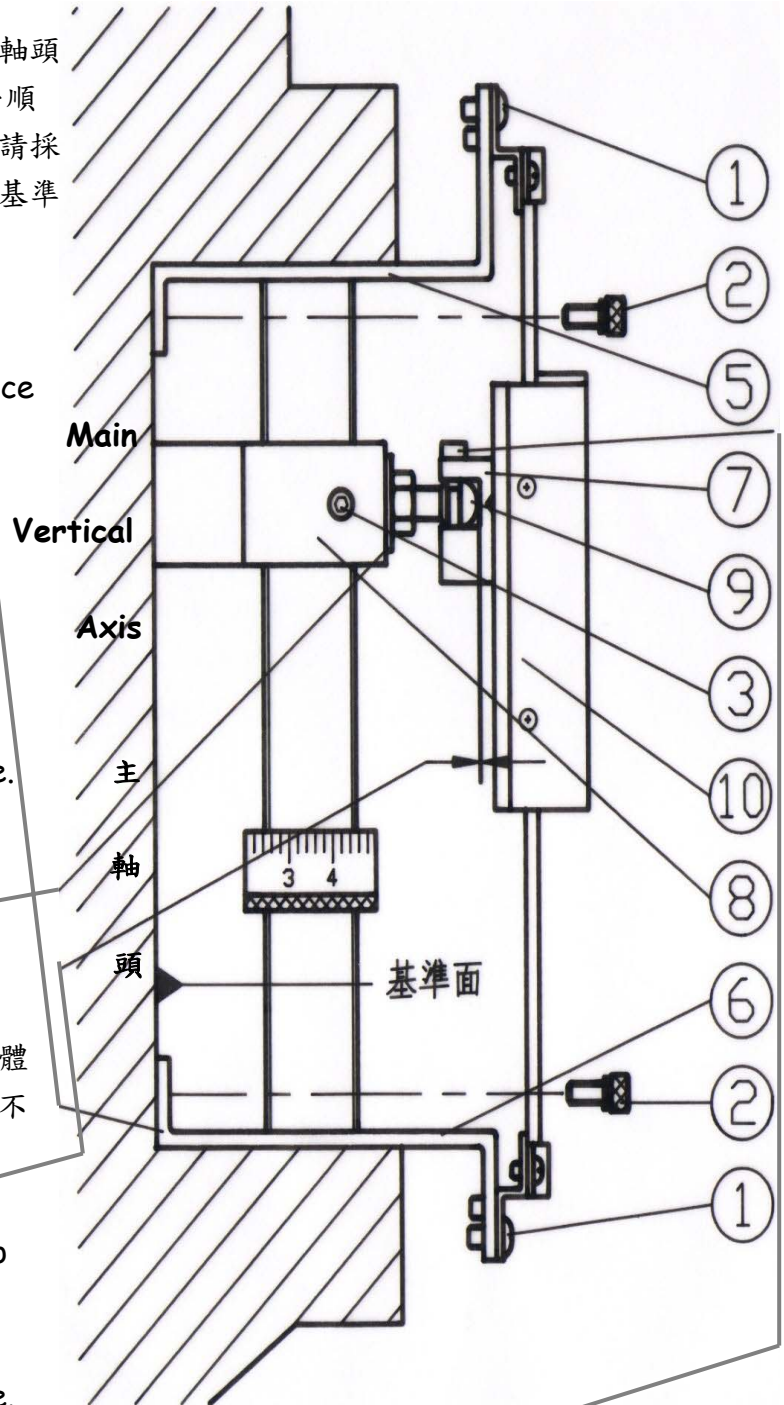
下等高墊可同時適用於，主軸頭 1.6# 的永進與 1.8# 之瑩順及松順廠牌機頭。其他廠牌請採用『單邊等高墊』裝於左下基準面，再配合 CVA270160 或 CVA270161 做等高固定。

If there is any interference between the right side of under mounting-bracket and main vertical axis of machine please cut the right side of under mounting-bracket for the installation of convenience.

下方等高墊右側腳，如干涉到其他構造，可切成單腳。

For accuracy, the screw-Nut have to fit and tight. 注意螺絲之固定，不可使尺體彎曲，以減少器具誤差，與不當安裝造成之故障。

For better status, the gap between ball-head screw & U-base has to be required smallest distance. 鋼珠球頭與背鈕之組裝，餘隙越小越好。



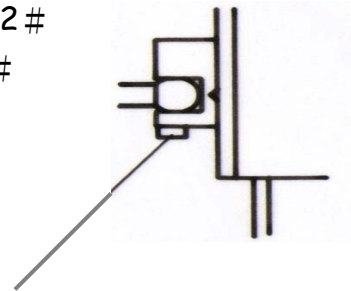
Micro adjusting screw (Under +0.02mm)

微調螺絲 (餘隙+0.02mm 內)

Code No. 序號	Name of Product 品名	Item No. 件號	Q'ty 數量
10	Digital Scale Unit 尺體	CVA270200	1
9	Ball-Head Screw 鋼珠球頭	CVA270158	
8	Supporting-Holder 檔柱支座	CVA270155 CVA270156 CVA270157	Chose 1
7	U-Base 背鈕	CVA270159	1
6	Up Mounting-Bracket 等高墊 (上)	CVA270502	1
5	Down Mounting-Bracket 等高墊 (下)	CVA270502	1
4	Cell 電池	SR44 or LR44	1
3	Inner Hexagonal Head Screw 有頭內六角螺絲	M3 * 6L	2
2	Inner Hexagonal Head Screw 有頭內六角螺絲	M5 * 10L with washer	3
1	Inner Hexagonal Head Screw 有頭內六角螺絲	M5 * 10L with washer	2

- 8) Caution : If the U-base of main vertical axis 2 # is installed with main vertical axis 1.5 # ~ 1.8 # please install the U-base upset way to avoid hiding action with down mounting-bracket to cause damage when digital scale unit has been moved down. The accurate assembly and calibration, which is necessary process to complete the installation.

注意：2#主軸頭適用之背鈕，如係用在1.5# ~ 1.8#主軸頭時，需將背鈕倒裝，以防到底的動作，撞擊等高墊，造成尺體撞損。正確之組立與校正，為完成組裝之必須工作。



設計參用尺寸

