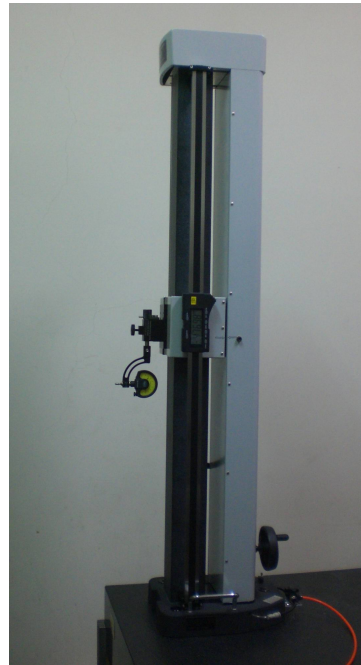


2012 年最新型全閉鎖氣浮式垂直儀

台灣鑫禾興業有限公司 2012 年新開發高精度垂直度測量儀第四代，是當代最具先進水準的氣浮式垂直度檢測儀器，它將直角度校正與量測 3 種功能匯聚在一機，具有低耗氣量、提升超高精度測量、直接讀取速度快、移動輕鬆、結構簡單、嚴謹等特點。

New development NO.4 high Precision Squaremaster Measuring Device is a newest developing instrument for the advanced squaremaster measuring by Taiwan Golden-Hope Ent., Co., Ltd. Is the most advanced Squaremaster, It includes three kinds of right-angle measurement functions are brought together in one, Significant improvement of the air consumption The following features: high accuracy, fast, intuitive readings, moving light, well-structured and easy



功能特點 Function:

★ 專為垂直度的 μ 級高精度測量改良設計。

Presents μ -class high-precision measurements of the vertical degrees

★ 可實現單一直角度的 180 度旋轉自我校正操作。(裝置有 TAIWAN PAT. M373482 專利自校支撐座)

(可夾持比測表、槓桿表、數顯表、電感測頭等屬選擇性付費附屬量具，如需可洽購。)

A squares in 180° rotation of the self-correcting operation, The equipment Taiwan has a PAT M373482 (can be used to hold indicators, digital display meter, inductance probe and so on.

(Optional special subsidiary, additional pay for)

★ 可實現 4 個直角度的原位 90 度翻轉自我校正操作。(裝置 TAIWAN PAT. M373482 專利自校支撐座)

(可夾持比測表、槓桿表、數顯表、電感測頭等屬選擇性付費附屬量具，如需可洽購。)

Four squares to the 90° situ flip of the self-correcting operation, The equipment Taiwan has a PAT M373482 (can be used to hold indicators, digital display meter, inductance probe and so on.

(Optional special subsidiary, additional pay for)

★ 可實現單一直角度的直接移動量測。

Can make a direct measurement of the single straight angle.

★ 可以微調 X.Y 軸軸向偏差作出 Z 軸軸向歸正。

(底部裝置 TAIWAN PAT. M394454 專利可微調自動彈壓定位空氣軸承座，因是採用氣浮結構所以在平台上移動很方便。)

The fixture is automatic elastic press locating of plane with hree-point for high accuracy square-master base of Z axis axial adjusting.

The base bottom air bearing of the device TAIWAN PAT. M394454,

(Is with air slide bearing inside. It can be linear movement on surface plate easily.)

★ 依環保概念，配裝手搖轉輪，改進後去除第 3 代配裝無線遙控電動驅動結構與電池供電。

Use new concept of environmental protection. equipped with hand wheel, Do not install battery-driven power structure.

★ 採用 4 面加工高精度花崗岩主柱為軸身，展現超高精度、與可靠性。

Column axis using the main body of granite, four high-precision machining face, and negative pressure air bearing of high precision, good reliability.

鑫禾興業有限公司



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二、技術規範：

Technology Specification

訂貨貨號 Type	N650A	N1000A
測量範圍 Measuring Range	~600mm	~1000mm
測量基準面直線度 Straightness in measuring plane	<1.5 μ m	<2.0 μ m
自我檢出測量側面直線度 Check the calibration measurement side straightness	<1.5 μ m	<2.0 μ m
測量基準面與台座底面垂直度 Squareness between measuring plane and base datum plane	可微調歸正 Can be Reformed	可微調歸正 Can be Reformed
側面基準面與台座底面垂直度 Squareness between side surface and base datum plane	可微調歸正 Can be Reformed	可微調歸正 Can be Reformed
本體高度 Body Height	890mm	1190mm
重量 Weight	42kg	56kgs

註：上述標稱精度要求環境

Remark : The required environment

1. 溫度 *Temperature* : $20 \pm 1^{\circ}\text{C}$
2. 濕度 *Humidity* : $50\% \pm 10\%$
3. 工作使用空氣壓力 using air pressure : $2\text{kg}/\text{cm}^2$
4. 基準平板：建議外形尺寸不小於 1600×1000×200mm/ 平面度 $4\mu\text{m}$ 以內
Surface Plate : The suggested dimension should be 1600×1000×200mm at least.
And the flatness is under $4\mu\text{m}$.

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