



CHEN-AN
<http://tw-chen-an.com>



**TAIWAN
EXCELLENCE**

榮獲台灣精品標誌

**刀具設定儀第一品牌
TOOL PRESETTER**

**刀具影像量具系統
TOOL IMAGE INSPECTION SYSTEM**

公司簡介

晟安機械有限公司成立於1986年，成立初期從事CNC綜合加工機之機械零件加工業進而專業於刀具設定儀，二次高度測量儀三次元座標測量儀等之精密的CNC配件的開發與研究。

由於產品之精度及耐性佳，在1996年榮獲經濟部台灣精品認證，經由本公司同仁之不斷努力，使得『晟安』產品獲得國內外客戶的肯定與好評，也贏得『刀具設定儀』之優良品牌的形象與展望結合高科技，邁向國際舞台，提供高品質的產品與服務，是我們貫徹經營的理念與方針。



客戶的肯定是本公司努力的目標

The Chen An Machine Industry company was established in 1986. In the beginning, we manufactured only the machine parts, tool holders and other machine accessories for the CNC Machine center. Then, we produce the precision Tool Presetter, 2D Measuring Equipment and 3D coordinate Measuring Machine.

Due to the high quality and long term durability, our products obtained the 『Symbol Of Excellence Taiwan Products』 qualified by the Ministry of Economic Affairs of Taiwan in 1996. Now, Chen An is a leading company for producing the Precision Measuring Equipment, especially in Tool Presetter, both in domestic and foreign. Chen-An has had a good reputation.

~晟安機械公司在1996年成立慢速壘球隊~



■ 品管標準

依照CNS國家檢驗標準,實施書面標準化檢驗制度

■ THE STANDARD OF QC

Our Tool Presetter quality-control standard is according to our national CNS standardization of Inspection System.



獲頒經濟部台灣精品證書
CERTIFICATE OF EXCELLENCE WINNER

■ 產品功能與特色

- 刀具設定儀主要為 CNC 立式臥式切削加工機、綜合加工機、塘銑床、車床、鑽床等自動化機械之刀具設定與檢測而設計，以節省設定刀具的時間及確保各個刀具與工件的位置。
- 可用來測量刀具的孔徑、真圓度、直角度的準確與否，是品管檢驗測儀器之最佳選擇，也是一般木工機、金屬刀具、零組件加工業者檢測刀具之最佳助手。
- 本機主軸座可以利用不同規格之套筒(BT # 50, # 40, # 30)作不同規格刀柄之刀具測量。
- 本機主軸採用特殊合金鋼材，經過正常化--滲炭--生領處理後，中心孔再研磨，所以鋼性好，永不變形。
- 本機所有鑄件皆經過燒結穩定處理,耐用性佳，不易變形。

■ MACHINERY FEATURES

- Tool Presetter are designed to install on the CNC Machine Center ,Milling and Boring Machine, Cutting Machine,Drilling and Tapping Macjine in order to inspect or measure the accuracy of all kinds of tools such as the inspection of tool's holes, roundness and right-angleetc.
- It is the best inspecting equipment for Quality Control Room and for manufacturer of machine accessories.
- Measuring the tools accurately in advance may save the time for tool setting ,raise the working efficiency. It's easy to operate .
- Three sizes of spindles BT#50,#40,#30 are available to change for fitting different specification tools.





CA-102M

- Z軸上採用高度規。
 - 主軸可依不同規格之套筒 (BT # 50 , # 40 , # 30) 做不同刀柄之刀具測量。
 - X及Z軸上均採用液晶顯示裝置來顯示測量數字。
 - 本機附有兩組手動旋轉裝置。
- Use precision Height gage on the Z axis.
 - Spindle size can be changed by using different sleeves to inspect different sizes of tools.
 - Electric Digital Scale is provided to display the measuring number.
 - Two sets of Manual Rotary Equipment are attached of the machine.

規格 Specifications:

Range of measurement	D:400mm,L:300mm
Graduation	Xaxis:0.01 mm Zaxis:0.01 mm
Machine size (LxWxH)	662x222x700 mm
Weight	85 kgs

標準配件 Standard Accessories:

液晶顯示尺 Electric Digital Scale
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
防塵套 Rust-Resistance Plastic Cover

CA-101M



- Z軸立柱採用精密線性滑軌，耐磨性高，可保永久性的精度。
- X軸底座是採用經研磨及括花處理過之鳩尾槽，可確保平行度之持久性。
- 主軸可依不同規格之套筒 (BT # 50, # 40, # 30) 做不同刀柄之刀具測量。
- X及Z軸上均採用液晶顯示裝置來顯示測量數字。
- 本機附有兩組手動旋轉裝置。

- Z axis is provided the Square Carriage and traded by special scratch.
- The base of X axis is provided the Dove Tail Slot which is grind and traded by special scratch to en-sure the durability of parallelism.
- Spindle size can be changed by using different sleeves to inspect different sizes of tools.
- Electric Digital Scale is provided to display the measuring number.
- Two sets of Manual Rotary Equipment are attached on the machine.

Optional accessories: 選用配件:

sleeve 套筒 

Test arbor 校正棒 

規格 Specifications:

Range of measurement	D:400mm,L:400mm
Graduation	Xaxis:0.01 mm Zaxis:0.01 mm
Machine size (LxWxH)	662x222x862 mm
Weight	120 kgs

標準配件 Standard Accessories:

液晶顯示尺 Electric Digital Scale (XxZ:200x450 m/m)
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
防塵套 Protective Rust-Resistance Plastic Cover



CA-101M(A)

- 主軸可依不同規格之套筒 (BT # 50 , # 40 , # 30) 做不同刀柄之刀具測量。
 - Z軸採用精密線性滑軌，耐磨性高，可保永久性的精度。
 - X、Z軸採用光學尺裝置來顯示測量的數字。
 - X軸經刮花處理，精密度高耐磨性佳。
-
- Spindle size can be changed by using different sleeves to inspect different sizes of tools.
 - Precision Linear Guide is provided on Z axis for wear-resistance and long-term accuracy..
 - Linear Scale& Digital Readout is provided on X axis and Z axis to display the measuring number
 - The base of X axis is treated by special scratch to increase the accuracy.

規格 Specifications:

Range of measurement	D:400mm,L:400mm
Graduation	Xaxis:0.005 mm Zaxis:0.005 mm
Machine size (LxWxH)	662x222x862 mm
Weight	125 kgs

標準配件 Standard Accessories:

光學尺 Digital Readout (XxZ:200x450 m/m)
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
防塵套 Protective Rust-Resistance Plastic Cover



CA-101M(B)

- 主軸可依不同規格之套筒 (BT # 50 , # 40 , # 30) 做不同刀柄之刀具測量。
- Z軸採用精密線性滑軌，耐磨性高，可保永久性的精度。
- X、Z軸採用光學尺裝置來顯示測量的數字。
- X軸經刮花處理，精密度高耐磨性佳。
- 本機附有兩組手動旋轉裝置。
- Spindle size can be changed by using different sleeves to inspect different sizes of tools.
- Precision Linear Guide is provided on Z axis for wear-resistance and long-term accuracy..
- Linear Scale& Digital Readout is provided on X axis and Z axis to display the measuring number
- The base of X axis is traded by special scratch to increase the accuracy.
- Two sets of Manual Rotary Equipment are attached of the machine.

規格 Specifications:

Range of measurement	D:400mm,L:400mm
Graduation	Xaxis:0.005 mm Zaxis:0.005 mm
Machine size (LxWxH)	662x222x862 mm
Weight	125 kgs

標準配件 Standard Accessories:

光學尺 Digital Readout (XxZ:200x450 m/m)
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
防塵套 Protective Rust-Resistance Plastic Cover



CA-103M

- 主軸上裝置專利的『鎖定裝置』，可減少測量時的誤差。
 - 主軸可依不同規格之套筒（BT # 50，# 40，# 30）做不同刀柄之刀具測量。
 - X及Z軸上均採用液晶顯示裝置來顯示測量數字。
 - X軸經刮花處理，精密度高耐磨性佳。
 - X軸上採用無牙螺桿，傳動輕巧，可快速移位及有微調之功能。
 - Z軸上採用精密線性滑軌，耐磨性高，可保永久性之精度。
 - 本機附有兩組手動旋轉裝置。
-
- The patent equipment 『Look Up Setting』 is installed a round the spindle to reduce the aberration when measuring.
 - Spindle size can be changed by using different sleeves to inspect different sizes of tools.
 - Electric Digital Scale is provided to display the measuring number.
 - The base of X axis is traded by special scratch to increase the accuracy.
 - Tapered Bearing Units is provided on Z axis for making movement more fast and smoothly .
 - Precision Linear Guide is provided on Z axis for wear-resistance and long-term accuracy.
 - Two sets of Manual Rotary Equipment are attached of the machine.

規格 Specifications:

Range of measurement	D:400mm,L:400mm
Graduation	Xaxis:0.01 mm Zaxis:0.01 mm
size (LxWxH)	
Machine 機台尺寸	662x222x900 mm
Cabinet 鐵箱尺寸	650x500x760 mm
Weight	
Machine 機台重量	125 kgs
Cabinet 鐵箱重量	57 kgs

標準配件 Standard Accessories:

液晶顯示尺 Electric Digital Scale
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
工具鐵櫃 Cabinet
防塵套 Rust-Resistance Plastic Cover



CA-104M

- 主軸上裝置專利的『鎖定裝置』，可減少測量時的誤差。
- 主軸可依不同規格之套筒 (BT # 50, # 40, # 30) 做不同刀柄之刀具測量。
- X、Z軸採用光學尺裝置來顯示測量的數字。
- X軸經刮花處理，精密度高耐磨性佳。
- X軸上採用無牙螺桿，傳動輕巧，可快速移位及有微調之功能。
- Z軸上採用精密線性滑軌，耐磨性高，可保永久久之精度。
- 本機附有兩組手動旋轉裝置，並有防震、防塵之功能。
- The patent equipment 『Look Up Setting』 is installed around the spindle to reduce the aberration when measuring.
- Spindle size can be changed by using different sleeves to inspect different sizes of tools.
- Linear Scale & Digital Readout is provided on X axis and Z axis to display the measuring number
- The base of X axis is treated by special scratch to increase the accuracy.
- Tapered Bearing Units is provided on Z axis for making movement more fast and smoothly .
- Precision Linear Guide is provided on Z axis for wear-resistance and long-term accuracy..
- Two sets of Manual Rotary Equipment are attached of the machine that can prevent shaking and dust.

規格 Specifications:

Range of measurement	D:400mm,L:400mm
Graduation	Xaxis:0.005 mm Zaxis:0.005 mm
size (LxWxH)	
Machine 機台尺寸	662x222x900 mm
Cabinet 鐵箱尺寸	650x500x760 mm
Weight	
Machine 機台重量	125 kgs
Cabinet 鐵箱重量	57 kgs

標準配件 Standard Accessories:

光學尺 Digital Readout (XxZ: 200x450mm)
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
工具鐵櫃 Cabinet
防塵套 Rust-Resistance Plastic Cover



CA-105M

- 主軸上裝置專利的『鎖定裝置』，可減少測量時的誤差。
- 主軸可依不同規格之套筒 (BT # 50, # 40, # 30) 做不同刀柄之刀具測量。
- X、Z軸採用光學尺裝置來顯示測量的數字。
- X軸經刮花處理，精密度高耐磨性佳。
- X軸上採用無牙螺桿，傳動輕巧，可快速移位及有微調之功能。
- Z軸上採用精密線性滑軌，耐磨性高，可保永久性之精度。
- 本機附有兩組手動旋轉裝置，並有防震、防塵之功能。
- 不同倍數的投影可供選擇。

- The patent equipment 『Look Up Setting』 is installed around the spindle to reduce the aberration when measuring.
- Spindle size can be changed by using different sleeves to inspect different sizes of tools.
- Linear Scale & Digital Readout is provided on X axis and Z axis to display the measuring number
- The base of X axis is treated by special scratch to increase the accuracy.
- Tapered Bearing Units is provided on Z axis for making movement more fast and smoothly .
- Precision Linear Guide is provided on Z axis for wear-resistance and long-term accuracy.
- Two sets of Manual Rotary Equipment are attached of the machine that can prevent shaking and dust.
- Different multiple of Projectors are available.

It provides tool contour and surface image functions.
Suitable for inspecting tool angle, radius and cutting angle.
刀具輪廓及表面影像功能，可作刀具角度、圓弧、切削角檢測。



規格 Specifications:

Range of measurement	D:400mm,L:400mm
Graduation	Xaxis:0.001 mm Zaxis:0.001 mm
size (LxWxH)	
Machine 機台尺寸	662x222x900 mm
Cabinet 鐵箱尺寸	650x500x760 mm
Weight	
Machine 機台重量	125 kgs
Cabinet 鐵箱重量	57 kgs

標準配件 Standard Accessories:

光學尺
Digital Readout (XxZ:120x420 m/m)
投影器 (倍數 7-45)
Projector (7-45) 倍數可選配
校正棒
Test Arbor BT#50 (DxL: 40x250mm)
百分表
Percent Gauge (2 sets)
工具鐵櫃
Cabinet
防塵套
Rust-Resistance Plastic Cover



CA-106MA/B

- 主軸上裝置專利的『鎖定裝置』，可減少測量時的誤差。
 - 主軸可依不同規格之套筒 (BT # 50, # 40, # 30) 做不同刀柄之刀具測量。
 - X、Z軸採用光學尺裝置來顯示測量的數字。
 - X軸經刮花處理，精密度高耐磨性佳。
 - X軸上採用無牙螺桿，傳動輕巧，可快速移位及有微調之功能。
 - Z軸上採用精密線性滑軌，耐磨性高，可保永久性之精度。
 - 本機附有兩組手動旋轉裝置，並有防震、防塵之功能。
-
- The patent equipment 『Look Up Setting』 is installed around the spindle to reduce the aberration when measuring.
 - Spindle size can be changed by using different sleeves to inspect different sizes of tools.
 - Linear Scale & Digital Readout is provided on X axis and Z axis to display the measuring number
 - The base of X axis is treated by special scratch to increase the accuracy.
 - Tapered Bearing Units is provided on Z axis for making movement more fast and smoothly .
 - Precision Linear Guide is provided on Z axis for wear-resistance and long-term accuracy..
 - Two sets of Manual Rotary Equipment are attached of the machine that can prevent shaking and dust.

● 大規格刀具設定儀 500 m/m x 600m/m

規格 Specifications:

Range of measurement	(A)D:500mm, L:400 mm (B)D:500mm, L:600 mm
Graduation	Xaxis:0.005 mm Zaxis:0.005 mm
size (LxWxH)	
Machine 機台尺寸	
Cabinet 鐵箱尺寸	
Weight	
Machine 機台重量	180 kgs
Cabinet 鐵箱重量	57 kgs

標準配件 Standard Accessories:

光學尺 Digital Readout (XxZ:200x600 m/m)
校正棒 Test Arbor BT#50 (DxL: 40x250mm)
百分表 Percent Gauge (2 sets)
工具鐵櫃 Cabinet
防塵套 Rust-Resistance Plastic Cover

CA-107M

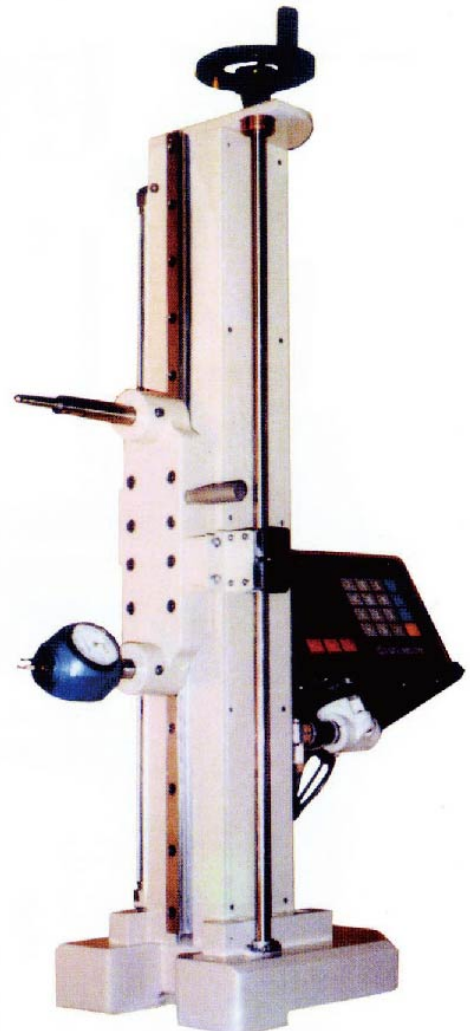
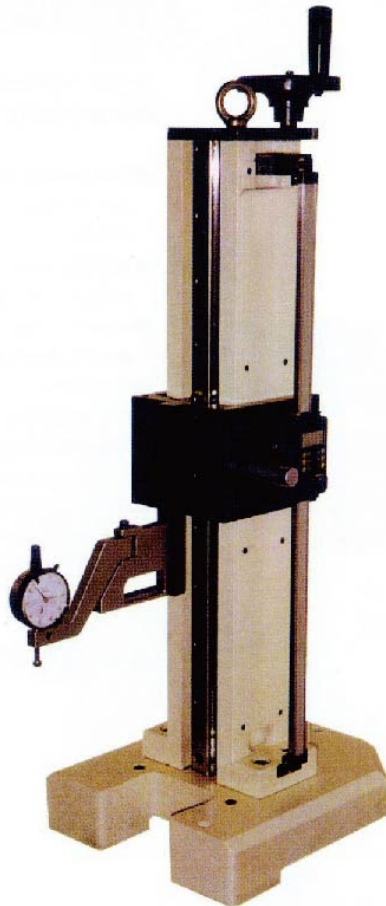
二次元高度測量儀
2D Height Surveyor
(Air Pressure Type)

CA-500M

二次元高度測量儀
2D Height Surveyor

CA-300M

高度設定儀



CA-300M

台座 Base Size	測距高 Height distance	直角度 Right-Angled	備註 Remark
320m/mx250x125	300	0.01	

CA-500M

液晶顯示 Size	台座 Base Size	測距高 Height distance	直角度 Right-Angled	備註 Remark
日製 Japan Made	50kgs	300	0.005	

CA-107M

測量範圍 Measuring Range	應用範圍 Application Range	精度 Accuracy	重複精度 Repetitive Accuracy	光學尺顯示 D.R.O. Display	測量滑板最大速度 Max.Displacement velocity of the measuring carriage	電力供應 Power Supply	操作溫度限制 Operational Temperature Limit	資料輸出 Data Output	總高度 Total Height	總重量 Weight	備註 Remark
900 mm	1000 mm	5 μ m	\pm 5 μ m	1 μ m	900 mm/sec	110 v	110 v	RS232C (特殊配件)	900 mm	68kgs	

最經濟型-

CA-100

立式渦桿/渦輪檢驗機(電動式)

規格 Specifications:

測量中心距 400mm

測渦輪外徑 300mm

測渦輪高度 400mm

可測量正齒輪、傘齒輪、渦輪

標準配件 Standard Accessories:

校正磅一支

防塵套一只

光學尺一軸5u一軸



最經濟型-

CA-2D 3D

手動式座標測量儀器

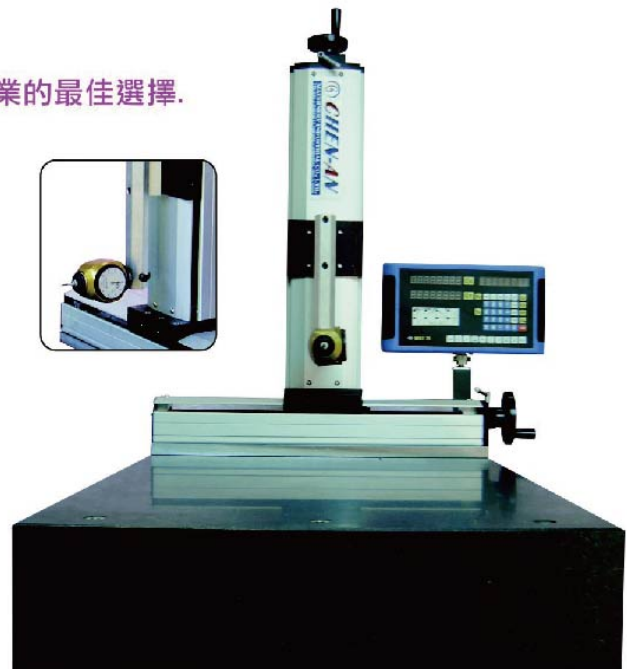
一機多功能，大幅提高了模具製作的效率、加工業的最佳選擇。

- 1、安裝訂位快速，不怕溫度變化大，不需放置於品管室，也能精準的測量，適用於現場或溫控不佳的環境，是現場檢測的最佳選擇，無須提供空壓設備，均可完成有效率的測量。
- 2、X軸、Z軸採用高精密度線性滑軌、耐磨性高、可保永久性之精度。
- 3、X軸、Z軸採用高精密度滾珠螺桿傳動。
- 4、全機使用特殊鋁合金打造、突破無空氣軸承的最佳精度、高吸鎮的花崗岩平台、機構不易變化。
- 5、本機台可採用分接觸性、CCD影像投射、倍數7-45倍。
- 6、本公司不斷研發更新、提供簡單又可靠的量測程序、可定不同規格尺寸。

量測範圍 2D. 400X400mm
3D. 400X400X100mm

花崗岩平台 600X900X150mm

機台尺寸 630X930X1700mm



標準附件	光學尺、顯示器5U、3D測頭
特別配件	電腦主機系統、液晶螢幕、 印表機、軟體

CA-169(A/B)

渦輪檢驗機 (手動式/電動式) Turbo Gear Inspection Machine (Manual /Automatic)

High precision double-faced gear clench test machine .

Uses: Gear clench are manual type which indicate the situation of gear and gear clench error. It suits for measure column gear and turbine the values if center distance aleration and gear center distance and error. It is good for the manufacturers of automobiles ,motorcycles, gear proceed and electrics machines.

Functions: 1.Gear and gear clench error
2.Totoal gear clench error
3.Average error

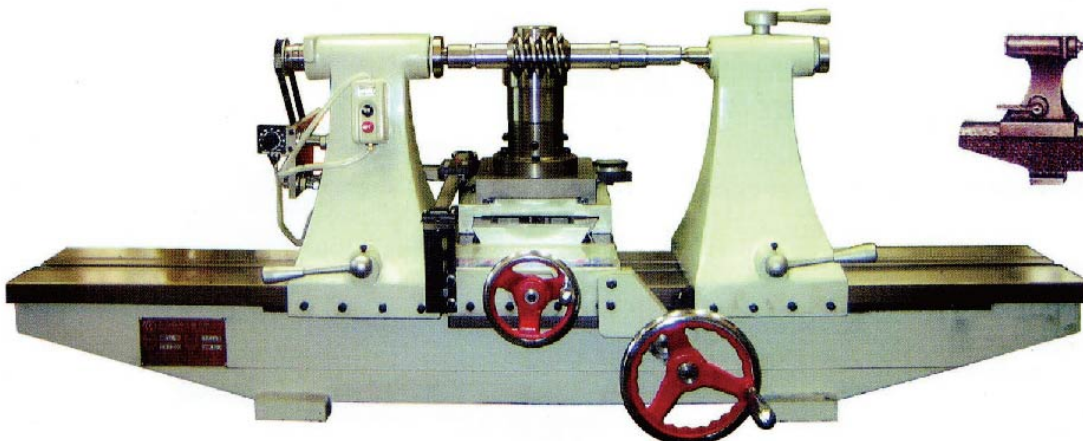
規格 Specifications:

Spindel center distance 300 mm
Gear max outer diameter ϕ 120mm
Screw pole max outer diameter ϕ 85mm
Axis lenght:320mm
Size :200x700x800mm



CA-169E

大型渦輪檢驗機(電動式)



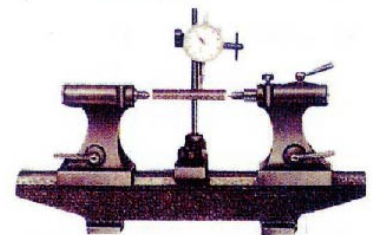
規格 Specifications:

- 測長潤桿 800mm長
- 測渦輪半徑 150mm
- 測渦輪高度 300mm
- 可測量正齒輪、傘齒輪、渦輪

CA-174

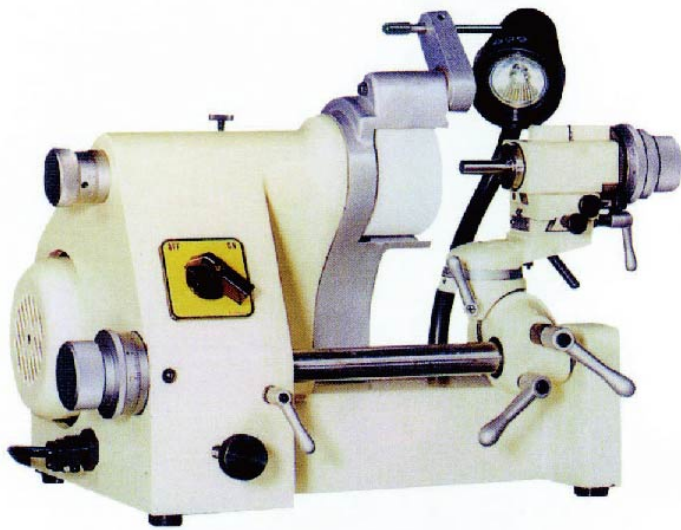
偏心檢測儀 (中心測距) Center surveyor (without gauge)

規格 Specifications: 200m/m
400m/m
600m/m



標準附件 Standard Accessories:

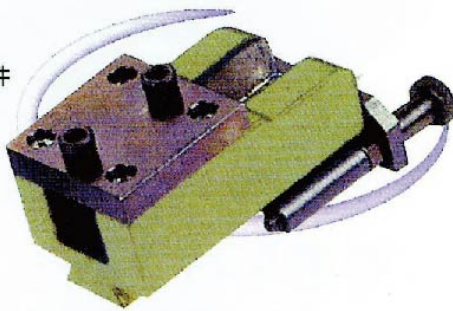
- 校正棒 一支
- 防塵套 一只
- 液晶顯示尺 200mm一支



CA-180M 雕刻刀研磨機 Universal Cutter Grinder

Our engraving grinder is particular suitable for grinding carbide cutter. It can make different shapes such as half round, in tangent bevel degree or into a half taper angle. The universal index head is allowed to have a free rotation of 360° or 180° as well as provides 24 positions, so that any particular angles of shapes can be obtained and make operation more convenient.

車刀研磨附件



規格 Specifications:

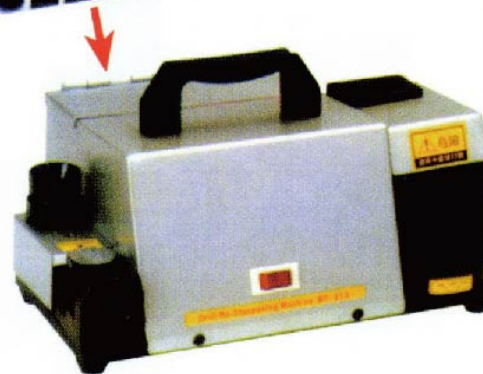
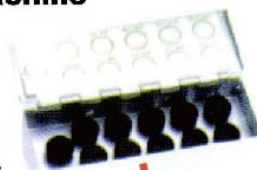
最大挾持力	φ18mm
最大研磨能力	φ25mm
推拔角度	0° ~180°
離隙角	0° ~45°
負推拔角度	0° ~25°
主軸轉速	5000RPM
皿型沙輪直徑	100x50x20mm
馬達	1/3HP, 220V, 50/60HZ
淨重 / 毛重	45/50, 95/105 (CCD) kgs
包裝尺寸	50x45x47, 72x66x140 (CCD) mm

CA-181M Drill Re-sharpening & Dressing Machine

- Simple of operating & the reshaping can be divided into 3 steps, even the new comer can be done easily .
- Compact hand wheel designs, convenient for turning .
- Collet pan with m/c body one-piece designs, stored easily .
- Affordable price & super value.

Standard accessories

1. Collet: 3~13mm X 11 pcs
2. Collet holder: 1 pcs
3. Hexagon wrench 4mm: 1 pcs



Sample



MODEL	L x W x H	Drill dia.	Point angle	R.P.M	Grinding wheel	Power source	N.W. (kg)	
							110V	220V
BT-213	282 x 185 x 110	φ2~13	118° ~135°	5100	65° 斜角: CBN#170	AC110V/220V 1P AC110V/220 Single phase	7	9

CHEN-AN

磁性座 Magnetic base



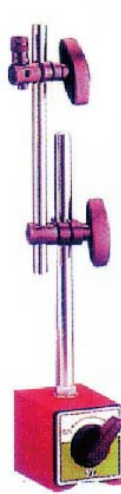
CA-MB



CA-MB1



CA-MB2



CA-2



CA-2V



CA-6699-1

雙柱型花崗石比測台
Double column marble
testing pallet

型號 Model No.	磁力 Holding Power	磁性座標規格Base Dimension(mm)			淨重 N.W(kg)
		長L	寬W	高H	
CA-MB	80kg	60	50	55	1.0
CA-MB1	80kg	60	50	55	1.1
CA-MB2	80kg	60	50	55	1.1
CA-2	80kg	60	50	55	1.6
CA-2V	80kg	∅ 63			1.7
CA-M1	20kg	60	30	35	0.8
CA-5	80kg	60	50	55	1.7

磁性座(機械式) Magnetic base-Mechanical Type



CA-1205



CA-1205(A)



CA-1204



CA-1203

型號 Model No.	磁力 Holding Power	臂長 Arm Length	底座規格Base Dimension(mm)			淨重 N.W(kg)
			長L	寬W	高H	
CA-1202	100kg	320mm	75	50	55	1.9
CA-1202L	100kg	425mm	75	50	55	2.0
CA-1203	80kg	340mm	60	50	55	1.5
CA-1204	80kg	285mm	60	50	55	1.4
CA-1205	20kg	185mm	永久性磁座 ∅ 38 X 32			0.5
CA-1205A	20kg	185mm	35	30	35	0.4
CA-1257	100kg	310mm	75	50	55	2.0

磁性座(油壓式) Magnetic base-Hydraulic Type



CA-1202



CA-1202L
(加長型)



CA-1257
(附壓力錶型)

- 內藏式油壓設計、精高度、不易漏油、油壓固鎖穩定性高。
- 萬向曲臂設計、方向可任意調整。
- 槓桿旋臂上附有微調裝置：6、8、鳩尾槽。
- 適合各式樣之分釐錶、槓桿錶之挾持。

Universal Arm Magnetic Base for indicators, it can be set at any point in 360°, very quick and convenient for operation.

精密塊規 Precision Gauge Blocks



總塊數	級別	公稱尺寸(mm)	測程(mm)	塊數
38	0	1.005	--	1
	1	1.01 1.02~1.09	0.01	9
		1.1 1.2~1.9	0.1	9
	2	1 2 3~9 10 20~100	1 10	9 10
47	0	1.005	--	1
	1	1.01~1.09	0.01	9
		1.1~1.9	0.1	9
	2	1.0~24.0 25~100	1.0 25	24 4
87	0	1.001~1.009	0.001	9
	1	1.01~1.49	0.01	49
		0.5~9.5	0.5	19
	2	10~100	10	10
103	0	1.005	--	1
	1	1.01~1.49	0.01	49
		0.5~24.5	0.5	49
	2	25~100	25	4
112	0	1.0005	--	1
	1	1.001~1.009	0.01	9
		1.01~1.49	0.1	49
	2	0.5~24.5 25~100	0.5 25	49 4
8	0	125~200	25	4
	1	300~500	100	3
	2	250	--	1
8	0	25~200	25	8
	1			

花崗岩直規



規格(mm)	等級00	等級0
630x100x40	2 μ	3.5 μ
1000x160x50	3 μ	5 μ

花崗岩直角規

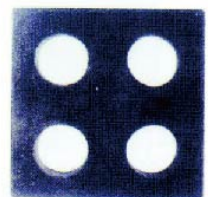


規格(mm)	等級00	等級0
250x160	2.5	5
300x200	3	6
400x250	3.5	7
630x400	4.5	8

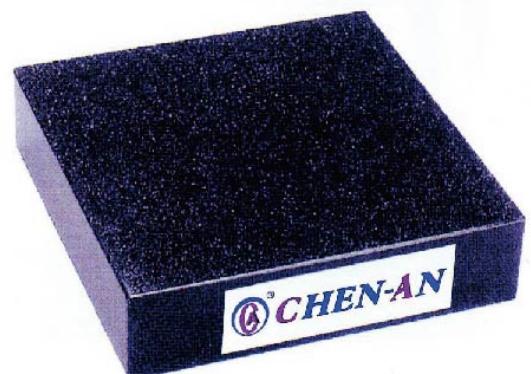
花崗岩檢測平台 Granite Surface Plates

規格(mm)	等級00 精度	等級0 (μ m)
300x300x50	3	3
300x450x70	3	3
450x450x100	3.5	3.5
450x160x100	4	4
600x600x100	4	4
600x900x130	4.5	4.5
900x900x130	4.5	4.5
900x1200x150	5	5
1000x1000x150	5	5
1000x2000x250	6.5	6.5
1600x2000x300	7	7
1600x2500x300	8	8
2000x3000x500	9	9
2000x4000x500	11	11
2000x6000x700	15	15

花崗岩直方規



規格(mm)	等級00	等級0
300x300	2.5	5
400x400	3	6
500x500	3.5	7



CA-1301 游標卡尺 Precision Vernier Caliper



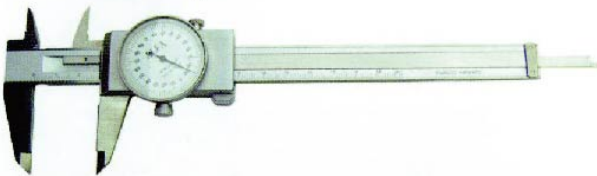
分辨率(mm/inch)	測程(mm)
0.05/1/128"	0-150
0.05/1/128"	0-200
0.05/1/128"	0-300
0.05/1/128"	0-600
0.05/1/128"	0-1000
0.05/1/128"	0-2000
0.02/0.001"	0-150
0.02/0.001"	0-200
0.02/0.001"	0-300
0.02/0.001"	0-600
0.02/0.001"	0-1000

CA-1304 外徑分厘卡 Outside Micrometer



分辨率(mm/inch)	測程(mm)
0.01	0-25
0.01	25-50
0.01	50-75
0.01	75-100
0.01	100-125
0.01	125-150

CA-1302 附錶游標卡尺 Dial Caliper



分辨率(mm/inch)	測程(mm)
0.02	0-150
0.02	0-200
0.02	0-300
0.01	0-150
0.01	0-200

固定式液晶顯示游標卡尺 Digital Electronic Caliper



測程150m/m 分辨率0.01
測程200m/m 分辨率0.01
測程500m/m 分辨率0.01

CA-1303 液晶顯示游標卡尺 Digital Electronic Caliper Dial Indicator



分辨率(mm/inch)	測程(mm)
0.01/0.0005	0-150
0.01/0.0005	0-200
0.01/0.0005	0-300
0.01/0.0005	0-500
0.01/0.0005	0-600
0.01/0.0005	0-1000
0.01/0.0005	0-1500

百分表 千分表



分辨率-測程(mm/inch)	表徑(mm)
0.01-4	58
0.01-5	42
0.01-10	58
0.01-25	58

CA-169D

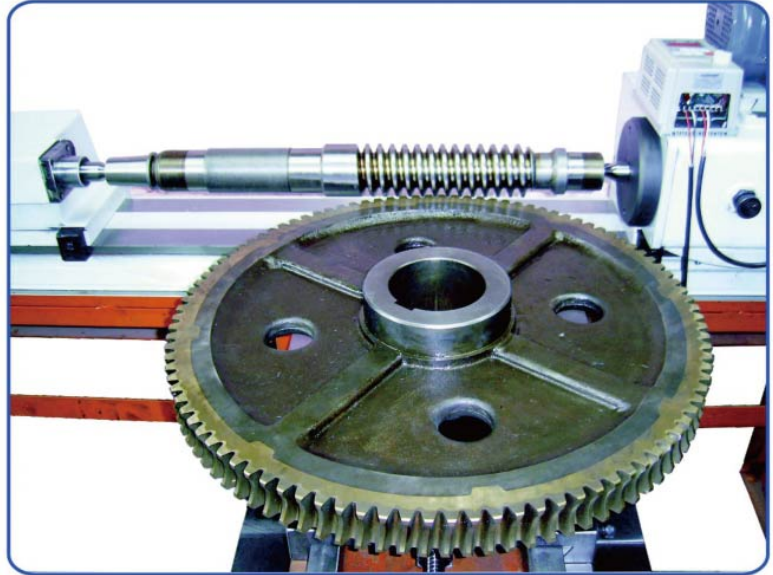
超大型渦輪檢驗機(電動式)

規格 Specifications:

測量渦桿長度950mm

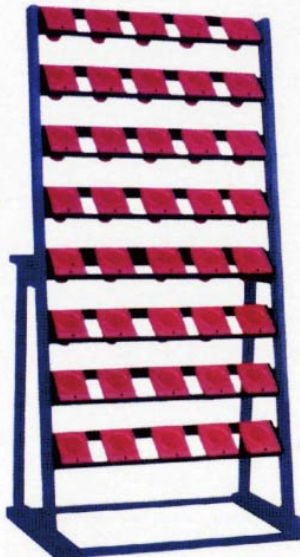
測量渦輪外徑900mm

上下可微調距離85mm



單面刀具架

SINGLE TOOLS RACK



雙面刀具架

TWIN TOOLS RACK



BT/HSK TOOLS RACK

MODEL 型號	DIMESION 規格	刀具架 BT/HSK
單面 SINGLE	BT 30 X64 PCS BT 40 X56 PCS BT 50 X40 PCS	
雙面 TWIN	BT 30 X128 PCS BT 40 X112 PCS BT 50 X 80 PCS	

“
CNC配件·二次元高度設定儀
三次元量床·立臥式投影機
各式量具·各種精密品管測試儀器
”



CHEN-AN
TOOL PRESETTER

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