



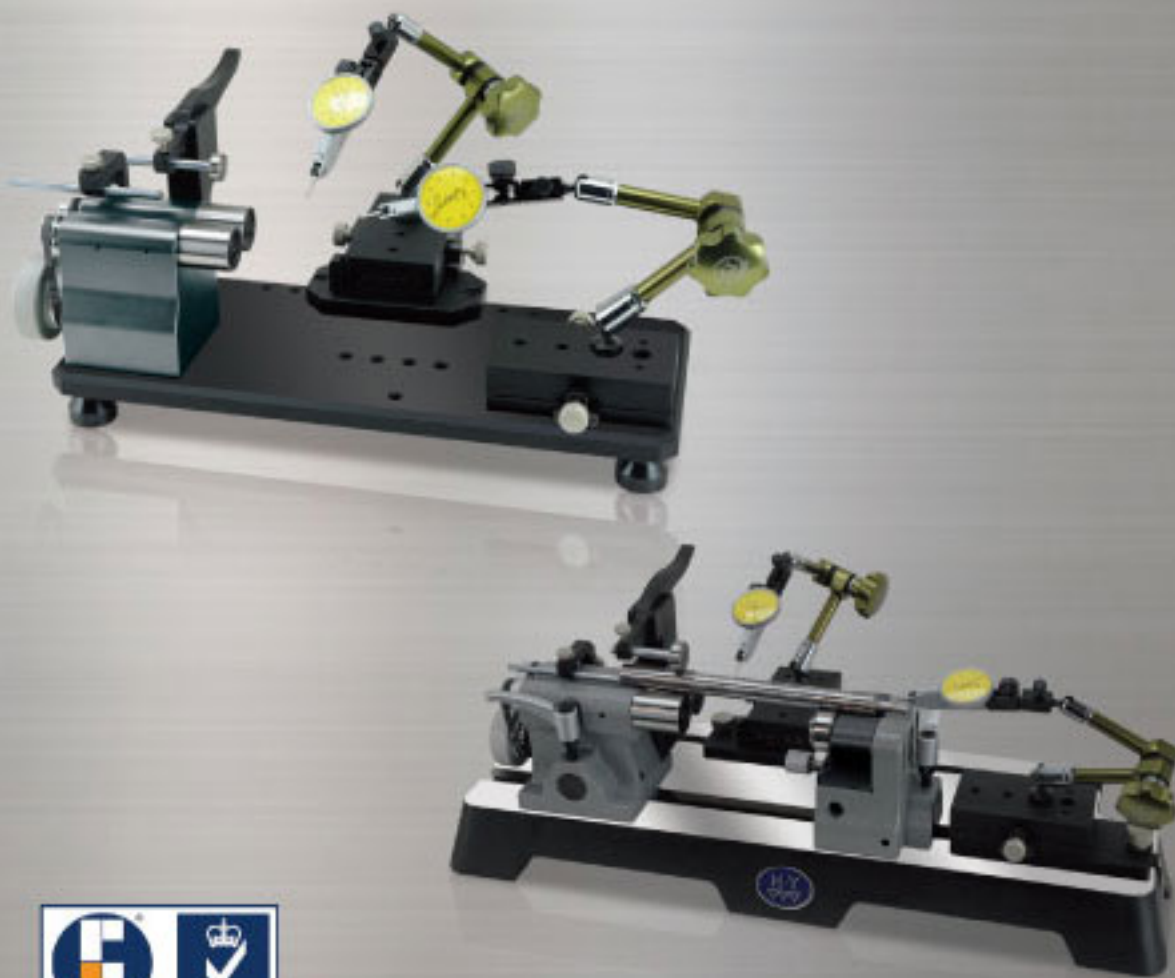
Ultra holding power magnetic stand **250 kgf**

Precision bench centers

Concentricity Gauge

**Professional Manufacturer**

# HANN YAN



Registration Number : 019270

**HANN YAN PRECISION IND. CO., LTD.**  
[www.hann-yan.com](http://www.hann-yan.com)

*Professional technology  
Heart service*

# Concentricity Gauge

01

## 68 Series Aluminum base & tailstock



6801D



6801X



6801DX



6801XY

### Specifications

Type	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
D、MD	80 mm	4 $\mu$ m / 2 $\mu$ m	310 x 90 x 175 mm	Ø4~40 mm	5~100 mm	5 / 8 kgs
X、DX、MDX	80 mm	4 $\mu$ m / 2 $\mu$ m	398 x 110 x 175 mm	Ø4~40 mm	5~100 mm	7 / 10 kgs
XY	80 mm	4 $\mu$ m / 2 $\mu$ m	405 x 222 x 175 mm	Ø4~40 mm	5~100 mm	8.5 kgs

※ 02 type roller - diameter capacity : Ø1~40 mm

### Application

Special measuring instrument of small mandrel, tube, bushings, screws punch, mold punch, screws, fasteners, multi-stage shaft and other various parts etc...

### Features

- Roller - Long lasting and wear resistance.
- For measuring OD、ID、end of face deflection、inner and outer diameter concentricity testing and multi-stage deflection measurements.
- X、Y axis slide table can be used for linear movement and positioning measurement.
- Easy to pick up and place workpiece, and save time, suitable for mass production testing.
- Attached top press roller and stopper on the tailstock.

### Roller type



## 61

**Series** Steel base & Cast iron tailstock  
Do not waver and more stable when measurement.



6101D



6101X



6101MDX



6101XY

### Specifications

Type	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
D	80 mm	4 $\mu$ m / 2 $\mu$ m	310 x 130 x 180 mm	Ø3~40 mm	5~120 mm	9.5 kgs
X · MDX	80 mm	4 $\mu$ m / 2 $\mu$ m	418 x 160 x 180 mm	Ø3~40 mm	5~120 mm	9.8 kgs
XY	80 mm	4 $\mu$ m / 2 $\mu$ m	418 x 209 x 180 mm	Ø3~40 mm	5~120 mm	19.5 kgs

※ 02 type roller - diameter capacity : Ø1~40 mm

## 62

**Series** Steel base & Cast iron tailstock

**High precision gauge stand**



6201D



6201X



6201XM

### Specifications

Type	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
D	90 mm	4 $\mu$ m / 2 $\mu$ m	380 x 160 x 200 mm	Ø10~60 mm	10~150 mm	15.5 kgs
X · XM	90 mm	4 $\mu$ m / 2 $\mu$ m	430 x 160 x 200 mm	Ø10~60 mm	10~150 mm	16.5 kgs

## 63

**Series** Steel base & Cast iron tailstock

**High precision gauge stand**



6301MD



6301XM



6301DXM

### Specifications

Type	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
MD	130 mm	4 $\mu$ m / 2 $\mu$ m	405 x 160 x 260 mm	Ø15~80 mm	10~175 mm	15.5 kgs
XM · DMM	130 mm	4 $\mu$ m / 2 $\mu$ m	405 x 160 x 260 mm	Ø15~80 mm	10~175 mm	16.5 kgs

# Concentricity Gauge

03

**69 Series** Aluminum base & tailstock

**High precision gauge stand**



6901XM



6901DXM



6901XYM

## Specifications

Type	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
6901XM	90 mm	4 $\mu$ m / 2 $\mu$ m	455 x 175 x 175 mm	Ø4~40 mm	5~100 mm	6 kgs
6901DXM	90 mm	4 $\mu$ m / 2 $\mu$ m	455 x 175 x 175 mm	Ø4~40 mm	5~100 mm	6.5 kgs
6901XYM	90 mm	4 $\mu$ m / 2 $\mu$ m	465 x 202 x 175 mm	Ø4~40 mm	5~100 mm	8.5 kgs

## Description

- X axial Gauge stand with slide table --- 1 PC.
- Y axial Gauge stand with slide table --- 2 PC.
- Slide table travel : 50 mm.
- Gauge stand height adjustable.
- Attached Height adjustable roller for use of parts auxiliary support --- 1 PC.
- Gauge holder can be used both dovetail type and flat back type Ø 8mm indicator.
- Attachment : Top press roller & back stopper.

## Specifications

Type	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
6901-02CM	90 mm	4 $\mu$ m / 2 $\mu$ m	460 x 410 x 210 mm	Ø4~40 mm	5~200 mm	16 kgs
6901-03CM	90 mm	4 $\mu$ m / 2 $\mu$ m	560 x 410 x 210 mm	Ø4~40 mm	5~300 mm	17.5 kgs
6901-04CM	90 mm	4 $\mu$ m / 2 $\mu$ m	660 x 410 x 210 mm	Ø4~40 mm	5~400 mm	20.5 kgs
6901-06CM	90 mm	4 $\mu$ m / 2 $\mu$ m	860 x 410 x 210 mm	Ø4~40 mm	5~600 mm	23 kgs

## 65 Series Long shaft type Cast iron base & tailstock



### Specifications

Unit : mm

Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Diameter capacity	Length capacity	Runout accuracy	Weight (kgs)
90	0.004	0.006	490 x 175 x 106	Ø8~60	200	2µm	37
90	0.004	0.006	590 x 195 x 106	Ø8~60	300	2µm	42
130	0.005	0.008	730 x 210 x 154	Ø10~80	400	2µm	80
130	0.006	0.010	930 x 220 x 154	Ø10~80	600	2µm	100
130	0.008	0.010	1130 x 220 x 154	Ø10~80	800	3µm	118
130	0.010	0.012	1330 x 220 x 154	Ø10~80	1000	3µm	136

### Features

- Base surface treat with hardness, wear resistance.
- Roller -Long lasting and wear resistance.
- For measuring OD、ID、end of face deflection、inner and outer diameter concentricity testing and multi-stage deflection measurements.
- X、Y axis slide table can be used for linear movement and positioning measurement.
- Easy to pick up and place workpiece, and save time, suitable for mass production testing. Attached top press roller.
- Center height 90mm --- Roller height adjustable 15mm.  
Center height 130mm --- Roller height adjustable 30mm.

# Concentricity Gauge

05

**64 Series Chuck Type** Steel base & Cast iron tailstock  
 Do not waver and more stable when measurement.



## Application

- Special measuring instrument of small mandrel, tube, bushings, screws punch, mold punch, screws, fasteners, multi-stage shaft and other various parts etc...
- Especially use for measuring nun circular parts \ triangular circular \ hexagonal piece.
- It can be fixed workpiece by 3 jaw chuck and then turn the hand wheel for measurement.

## Specifications

Unit : mm

Model NO.	Center Height	Accuracy	Chuck Spec.	Dimension	O.D. Capacity	I.D. Capacity	Weight (kgs)
6401	90	0.02	2"	478 x 246 x 200	Ø1~60	Ø24~58	20
6402	90	0.02	3"	478 x 246 x 200	Ø1~80	Ø32~70	21
6403	130	0.02	3"	525 x 315 x 300	Ø1~80	Ø32~70	43
6404	130	0.02	4"	525 x 315 x 300	Ø1~100	Ø36~90	45

## E62 Series Motorized type Cast iron tailstock & Steel base

By electric motor drive the roller when measurement.  
Do not waver and more stable when measurement.



**E6201XY**

X · Y axial Dial gauge stand w/slide table



**E6202XY2**

X · Y axial Dial gauge stand w/slide table

### Specifications

Model No.	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
E6201XY	90 mm	0.004 / 0.002μm	575 x 246 x 200 mm	Ø8~60 mm	10~150 mm	24 kgs
E6202XY2	90 mm	0.004 / 0.002μm	575 x 246 x 200 mm	Ø3~60 mm	10~150 mm	24 kgs

## T62 Series T type Cast iron tailstock & Steel base



**T6202MD1X**



**T6202MDX2**



**01 Roller**



**02 Roller**

### Specifications

Model No.	Center Height	Accuracy Standard / Precision	Dimension	Diameter Capacity	Length Capacity	Weight
T6201MD1X	90 mm	0.004 / 0.002μm	630 x 160 x 200 mm	Ø8~60 mm	10~200 mm	25 kgs
T6201MDX2	90 mm	0.004 / 0.002μm	630 x 160 x 200 mm	Ø8~60 mm	10~200 mm	25.5 kgs
T6202MD1X	90 mm	0.004 / 0.002μm	630 x 160 x 200 mm	Ø3~60 mm	10~200 mm	25 kgs
T6202MDX2	90 mm	0.004 / 0.002μm	630 x 160 x 200 mm	Ø3~60 mm	10~200 mm	25.5 kgs

## Feature Introduction



# 4

## Main Features

- ▶ A special surface hardened treatment, a substantial increase in service life.
- ▶ Innovative locking technology, dramatically improves measuring quality.
- ▶ The innovative module design, significantly extend the service life.
- ▶ Product more expanding ability, specifications are multi-combination.

### Design features

01. Using high quality cast iron material, the base surface with a special hardening treatment ( $HRC52 \pm 2^\circ$ ), precision stable and not easily deformed, significantly improve abrasion resistance and stability.
02. Tailstock is located by special design, do not cause to axial offset when moving the location. Tailstock can be locked by special type lever handle in any position, high accuracy.
03. Tailstock \ thimble and dial gauge stand modular design, parts replacement quick and easy, significantly extend the product life. Consumers have no need to re-purchase equipment due to it wear and tear.
04. Center entry/exit by press down lever type handle, measuring range: 20 ~ 25mm, easy to place the workpiece.
05. Z-axis with high precision and high rigidity standard stainless steel dial gauge holder. Locking mechanism with a special design, easy to operate and well stability. Vertical pole diameter :  $\varnothing 20\text{mm}$  : Adjust pole diameter :  $\varnothing 15\text{mm}$ . Gauge holder is available for dovetail type and stem  $\varnothing 8\text{mm}$  flat type
06. X-axis is a special combination of toothless screw and slide design, to make quick move by hand level control valve. Hand wheel is micro adjustment. Expertise \ convenient operation. There is no fold gap difference.
07. Y-axis slide with a center location fine-tuning mechanism, convenient correction, workpiece replacement quickly
08. Y.Z axial Z1 is a special slide structure, to adjust up or down slightly by the knob of gear shaft, accurate and convenient.
09. Y.Z axial Z2 is a special combination of toothless screw and slide design, quick move up and down by control valve of lever handle, turn the hand wheel drive can be used for slight adjustments, precise and convenient operation, without times gap difference.
10. Y.Z axial Z3 is a special combination of linear slide and micrometer design can be adjusted slightly up and down by manual, moving fast and precision, no gap difference.
11. X.Z axial equipped with linear scale and digital gauge. It can be as multi-stage measurement and segment deviation detection. Linking with computer for record & printing.
12. Double roller of tailstock adapt heavy loaded bearing design. It also can avoid abrasion between parts and roller.

### Applications

01. Thimble type mainly used for the cylindrical shaft or disc-type workpieces deflection \ roundness \ concentricity \ axial parallelism...etc. the inspection of accuracy.
02. Roller type mainly used for same size cylindrical shaft of both ends; such as shaft or tube... etc. And check the workpiece deflection, roundness, concentricity, bending curvature, axial parallelism...etc. precision error of inspected measurement.
03. Applies to the processing site, tool rooms, laboratories, machine tools shop.



## Small Bench Centers



**MT-100V**

- Center distance : 25-100 mm
- Center height : 45 mm



**MT-113H**

- Center distance : 35-90 mm
- Center height : 40 mm



**MT-106HD**

- Center distance : 100mm/200mm
- Center height : 50 mm



**MT-106HY**

- Center distance : 100mm/200mm
- Center height : 50 mm

## Standard Bench Centers



**RL-761**

- Center distance : 300 mm
- Center height : 80 mm



**MT-521**

- Center distance : 300 mm
- Center height : 80 mm



**MT-522**

- Center distance : 300 mm
- Center height : 80 mm



**MT520**

- Center distance: 200-1000mm
- Center height: 90/130mm

## Combination Type Bench Centers



**MVR523**

- Center Distance : 300 mm
- Center Height : 80 mm
- V-block Parts Range : 4-22 mm
- Roller Parts Range : 5-45 mm



**MR526**

### Precision Bench Centers

- Center Distance : 300 400 600 800 1000 mm
- Center Height : 90 mm / 130 mm
- Center height 90mm - Roller Parts Range : 8-60 mm
- Center height 130mm - Roller Parts Range : 10-80 mm

# Precision Granite Bench Centers

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## Morse Taper type



GMT526



GMT526Y

Attached Y axial gauge stand and slide table. Slide table can move forward and backward with position locking function.

BCA-YS

Y axial gauge stand and slide table  
Unit : mm

### Specifications

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Morse Taper	Basic Weight	Maximum Swing	Runout Accuracy
1000	130	0.010	0.012	1340 x 280 x 313	MT3C18	196 kgs	Ø250	3µm
1500	200	0.012	0.015	1880 x 320 x 418	MT3C18	375 kgs	Ø380	3µm
2000	200	0.015	0.018	2380 x 320 x 438	MT3C18	507 kgs	Ø380	4µm
3000	200	0.020	0.025	3400 x 350 x 488	MT3C18	945 kgs	Ø380	5µm

※ Center distance 300, 400, 600, 800 mm are also available.

## Roller type



GRL784



GRL784Y

Attached Y axial gauge stand and slide table slide table can move forward and backward with position locking function.

BCA-YS

Y axial gauge stand and slide table  
Unit : mm

### Specifications

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Parts Diameter	Basic weight	Runout Accuracy
1000	130	0.010	0.012	1340 x 280 x 312	Ø10~80	188 kgs	3µm
1500	130	0.012	0.015	1880 x 320 x 342	Ø10~80	345 kgs	3µm
2000	130	0.015	0.018	2380 x 320 x 362	Ø10~80	477 kgs	3µm
3000	130	0.020	0.025	3400 x 350 x 412	Ø10~80	915 kgs	3µm

※ Center distance 300, 400, 600, 800 mm are also available.

## Combination type



GMR526



### Specifications

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Morse Taper	Basic Weight	Maximum Swing	Runout Accuracy
1000	130	0.010	0.012	1340 x 280 x 313	MT3C18	213 kgs	Ø250	3µm
1500	200	0.012	0.015	1880 x 320 x 418	MT3C18	392 kgs	Ø380	3µm
2000	200	0.015	0.018	2380 x 320 x 438	MT3C18	524 kgs	Ø380	4µm
3000	200	0.020	0.025	3400 x 350 x 488	MT3C18	962 kgs	Ø380	5µm

※ Roller type parts diameter capacity : Center Height 90 — Ø8~60  
Center Height 130 — Ø10~80

※ Center distance 300, 400, 600, 800 mm are also available.

## Morse Taper type



MT526



MT526Y



MT526Z1

### MT526 - Specifications

Unit : mm

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Morse Taper	Basic Weight	Maximum Swing	Runout Accuracy
200	90	0.005	0.006	490 x 180 x 175	MT2C14	35 kgs	Ø170	2µm
300	90	0.005	0.006	590 x 195 x 175	MT2C14	40 kgs	Ø170	2µm
400	130	0.006	0.008	770 x 208 x 242	MT3C18	78 kgs	Ø250	2µm
600	130	0.008	0.010	930 x 221 x 250	MT3C18	98 kgs	Ø250	2µm
800	130	0.008	0.010	1130 x 221 x 250	MT3C18	116 kgs	Ø250	3µm
1000	130	0.010	0.012	1330 x 221 x 263	MT3C18	134 kgs	Ø250	3µm

## Roller type



RL784



RL784Y



RL784Z1

### RL784 - Specifications

Unit : mm

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Morse Taper	Basic Weight	Maximum Swing	Runout Accuracy
200	90	0.005	0.006	490 x 180 x 175	MT2C14	35 kgs	Ø170	2µm
300	90	0.005	0.006	590 x 195 x 175	MT2C14	40 kgs	Ø170	2µm
400	130	0.006	0.008	770 x 208 x 242	MT3C18	78 kgs	Ø250	2µm
600	130	0.008	0.010	930 x 221 x 250	MT3C18	98 kgs	Ø250	2µm
800	130	0.008	0.010	1130 x 221 x 250	MT3C18	116 kgs	Ø250	3µm
1000	130	0.010	0.012	1330 x 221 x 263	MT3C18	134 kgs	Ø250	3µm

# Precision Bench Centers

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## Rack Slide Type Morse taper type



MT1S526Y



MT1S526YS



MT2S526YS

### MT1S526Y - Specifications

Unit : mm

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Morse Taper	Basic Weight	Maximum Swing	Runout Accuracy
200	90	0.005	0.006	490 x 181 x 175	MT2C14	38 kgs	Ø170	2µm
300	90	0.005	0.006	590 x 183 x 175	MT2C14	43 kgs	Ø170	2µm
400	130	0.006	0.008	770 x 208 x 242	MT3C18	91 kgs	Ø250	2µm
600	130	0.008	0.010	930 x 221 x 250	MT3C18	116 kgs	Ø250	2µm
800	130	0.008	0.010	1130 x 221 x 250	MT3C18	138 kgs	Ø250	3µm
1000	130	0.010	0.012	1330 x 221 x 263	MT3C18	160 kgs	Ø250	3µm

※ Double rack slide minimum center distance 400 mm.

## Rack Slide Type Roller type



RL1S784Y



RL1S784YS



RL2S784YS

### RL1S784Y - Specifications

Unit : mm

Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Parts Diamete	Basic Weight	Runout Accuracy
200	90	0.005	0.006	490 x 181 x 175	Ø5~60	45 kgs	2µm
300	90	0.005	0.006	590 x 183 x 175	Ø5~60	45 kgs	2µm
400	130	0.006	0.008	770 x 208 x 242	Ø5~80	77 kgs	2µm
600	130	0.008	0.010	930 x 221 x 250	Ø5~80	108 kgs	2µm
800	130	0.008	0.010	1130 x 221 x 250	Ø5~80	115 kgs	3µm
1000	130	0.010	0.012	1330 x 221 x 263	Ø5~80	130 kgs	3µm

※ Double rack slide minimum center distance 400 mm.

※ Mono slide rack accuracy : 200mm-12µm, 300mm-15µm, 400mm-18µm, 600mm-21µm  
800mm-25µm, 1000mm-28µm

※ Double slide rack accuracy : 400mm-18µm, 600mm-21µm, 800mm-25µm, 1000mm-28µm

## Vertical & Horizontal type



VHMT606

Unit : mm

Specifications									
Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Upper MT	Lower MT	Basic Weight	Maximum Swing	Runout Accuracy
200	80	0.005	0.006	330 x 120 x 160	C12	C20	22 kgs	Ø150	2µm
300	90	0.006	0.008	560 x 200 x 230	C12	C20	56 kgss	Ø170	2µm

## Motorized type



EMT526Y



EMT2S526YS



EWRL2S784YS

## Hand wheel drive & Tailstock height adjustable type



WRL784Y



WHRL784Y



HRL784

WRL784Y - Specifications							
Center Distance	Center Height	Horizontal Parallelism	Vertical Parallelism	L x W x H	Parts Diamete	Basic Weight	Runout Accuracy
300	90	0.005	0.006	590 x 195 x 166	Ø8~60	42 kgs	4µm
400	130	0.006	0.008	730 x 208 x 233	Ø10~80	80 kgs	5µm
600	130	0.008	0.010	930 x 221 x 241	Ø10~80	100 kgs	5µm
800	130	0.008	0.010	1130 x 221 x 241	Ø10~80	118 kgs	5µm
1000	130	0.010	0.012	1330 x 221 x 254	Ø10~80	136 kgs	5µm

Unit : mm

※ Center height 90mm --- Roller height adjustable 15mm.

※ Center height 130mm --- Roller height adjustable 30mm.

# Multi-direction Magnetic Stand

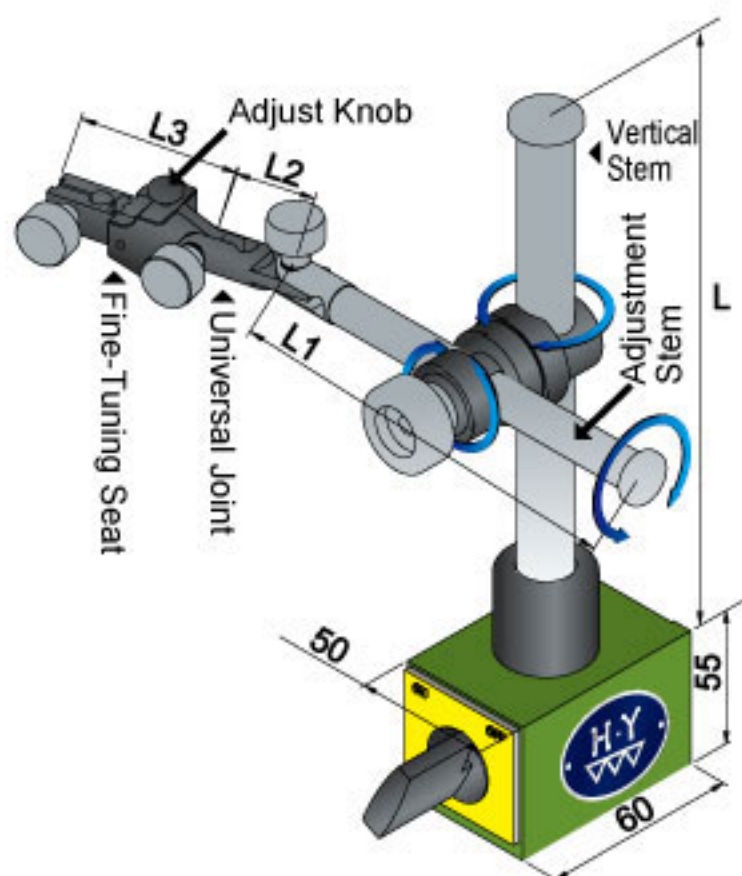
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## Design features

**Ultra Holding Power 250 kgf (2500N)**



01. To improve the defect of existing products and re- innovation:
  - ⦿ Magnetic stand loose due to inadequate suction force and lead to dial indicator damage.
  - ⦿ Adjust the fixed knob is easy to loosen and lead to adjust pole cannot really fixed.
  - ⦿ Vertical pole lock with magnetic base solid link mechanism is poor and easy to broken & separate.
  - ⦿ Its gauge head is locked tightly and unable to move and process its measuring function after dial indicator locking in the fine-tuning seat.
  - ⦿ Magnetic base adsorption force is poor. It causes to loose and lead to dial indicator damage due to vibration and weight load when it adsorbs on the machine or sideways extend for the measurement. Poor measurement accuracy and could not do the repeatability of measurement.
02. Fixed adjustment knob using a special clamp design innovation, fine-tuning effortless and not easy to lose off.
03. The connected point of vertical pole and magnetic base was designed by special innovation. Not easy to split or disintegrate.
04. Powerful magnetic force generated the shock effect can avoid loose the measuring accuracy due to machine vibration.
05. Modular design, easy to replace the parts. Don't need to change new one when it broken, longer life.
06. Vertical  $\phi 20\text{mm}$  pole and horizontal  $\phi 15\text{mm}$  pole made of Stainless steel, well rigid and durable.
07. Indicator holder with universal joints, measurement range is wider. Applicable to variety indicators  
(Dovetail type, flat type, lug back type)
08. This product measuring length up to 1 M, 1 M arm extending its repeated measurement accuracy remains unchanged.
09. Ultra holding power magnetic base is our own R & D, excellent stability,  
Magnetic force: 250 kgf. (2500N).
10. Looking for the magnetic stand of high accuracy and stability is none other than this product.
11. This product has a new invention and patent in Japan and multi-nation, counterfeiting.



# Multi-direction Magnetic Stand

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## UD - Dovetail Type & Flat Back Type



Specifications					Unit:mm
Model No.	Vertical Stem	Adjust Stem	Universal Joint	Indicator Connector	Holding Power
	L	L1	L2	L3	
MG1-1UD	130	164	35	55	250kgf
MG2-1UD	225	164			
MG2-2UD	225	260			
MG3-1UD	300	164			
MG3-2UD	300	260			
MG3-3UD	300	360			
MG4-2UD	400	260			
MG4-3UD	400	360			
MG5-2UD	500	260			
MG5-3UD	500	360			

## UL - Lug Back Type



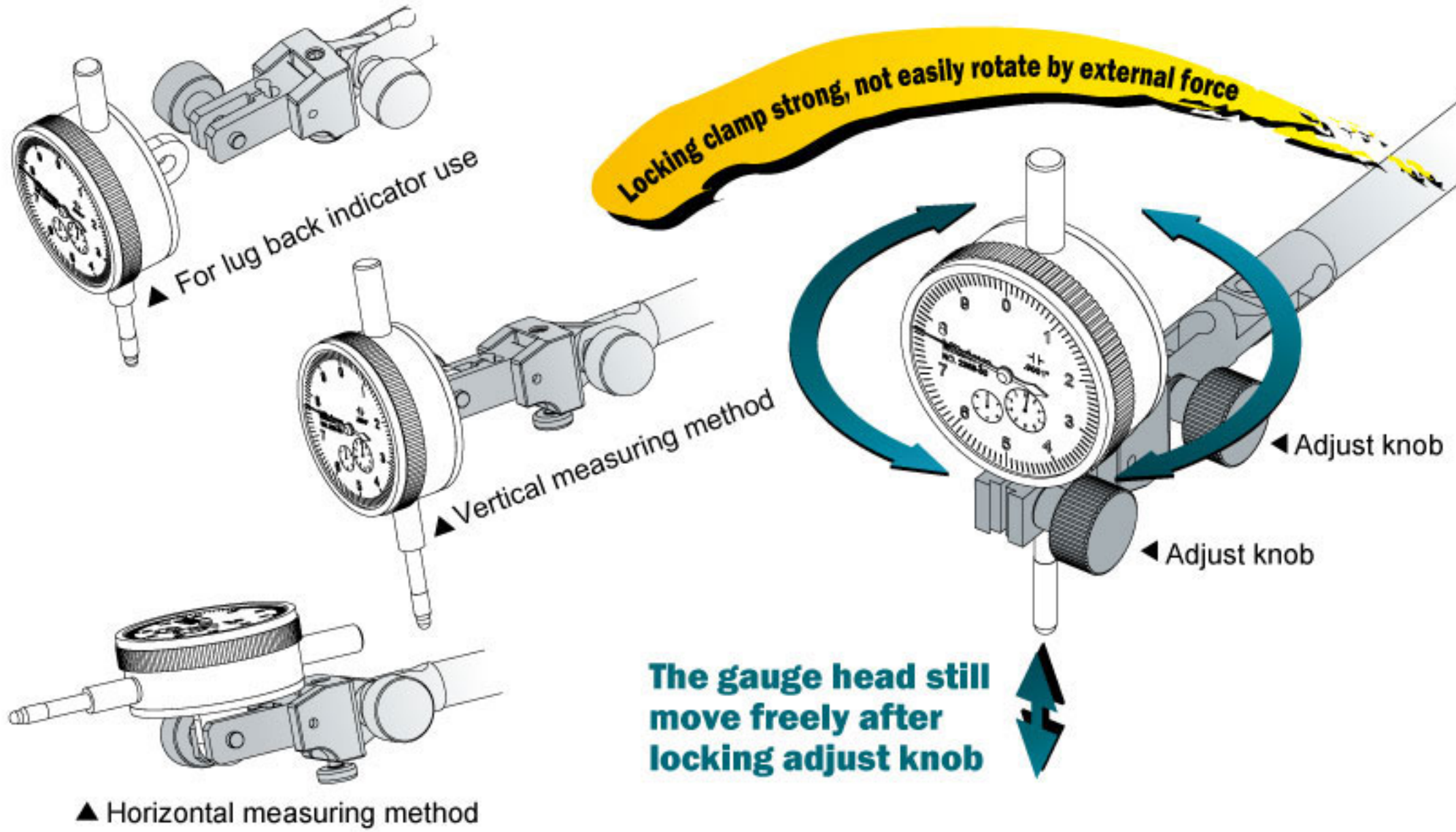
Specifications					Unit:mm
Model No.	Vertical Stem	Adjust Stem	Universal Joint	Indicator Connector	Holding power
	L	L1	L2	L3	
MG1-1UL	130	164	35	50	250kgf
MG2-1UL	225	164			
MG2-2UL	225	260			
MG3-1UL	300	164			
MG3-2UL	300	260			
MG3-3UL	300	360			
MG4-2UL	400	260			
MG4-3UL	400	360			
MG5-2UL	500	260			
MG5-3UL	500	360			

# Multi-direction Magnetic Stand

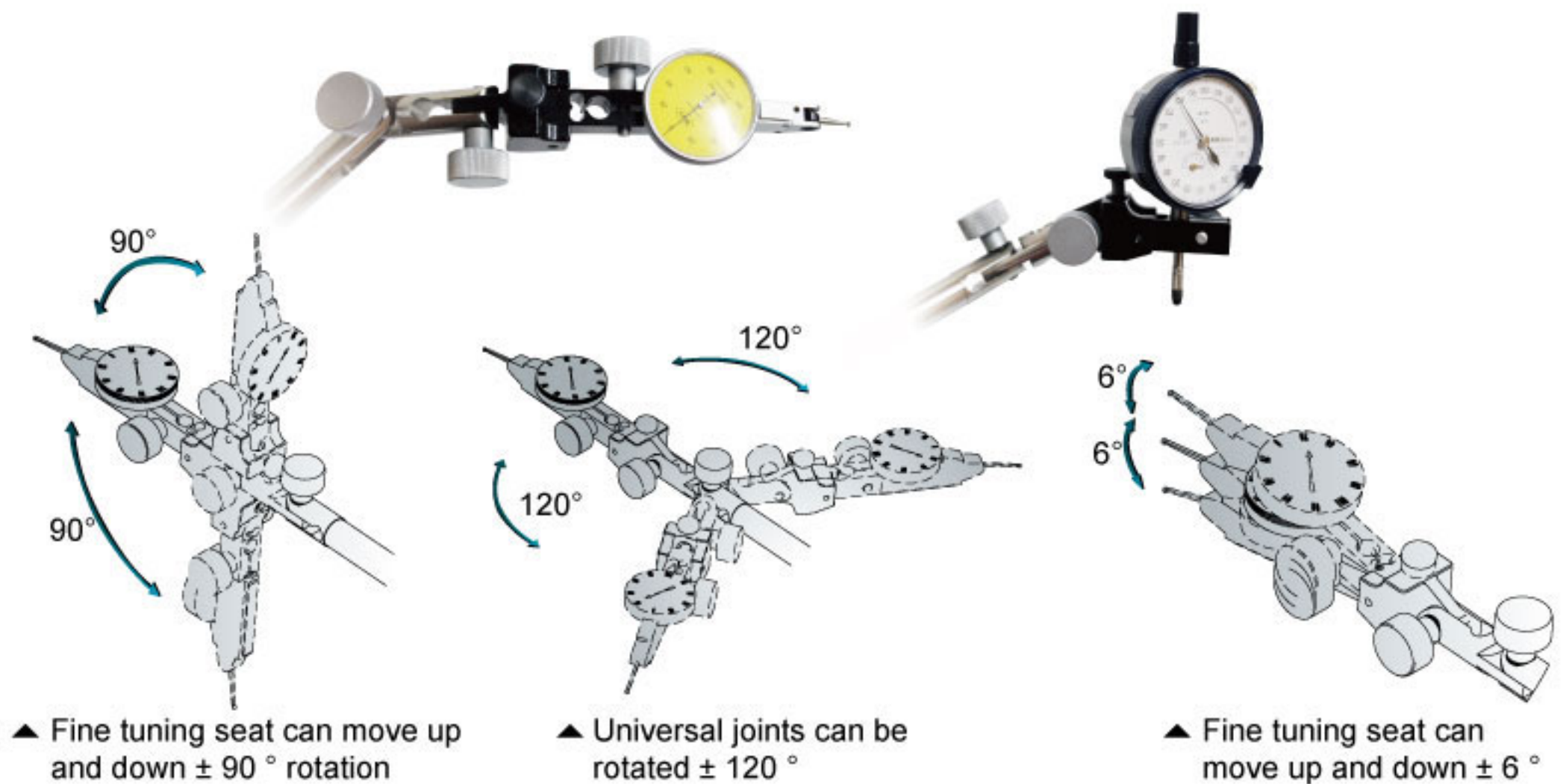
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## Multi-direction Example

Ultra Holding Power 250 kgf (2500N)



## Practical High Performance Stability

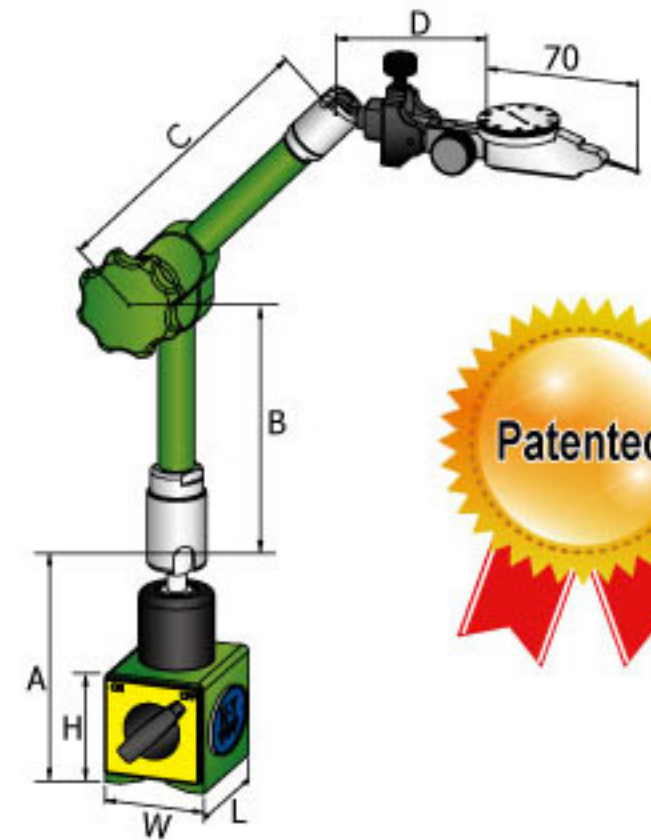




## Features

### Ultra Holding Power 250 kgf (2500N)

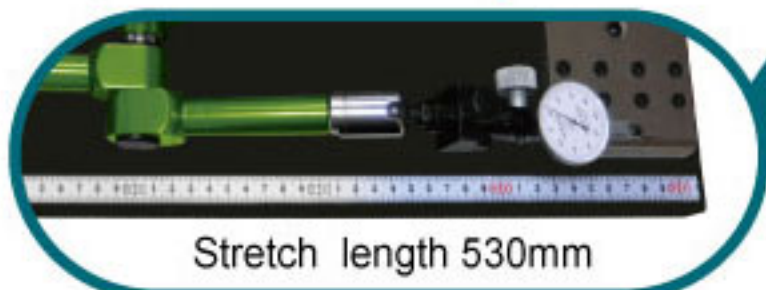
1. The fine-tuning seat can be moved up 15° down 10°. Wide range adjustment & high precision.
2. Flat back type dial indicator gripping holes: Ø8mm. Measuring rod still move freely after locking the adjust knob tightly. Ultra gripping force, it will not be easily rotated due to external force.
3. The fine-tuning seat - gauge positioning measurement will not be biased or displaced because of swing or vibration. Radial repeat positioning accuracy: 0.002mm.
4. The protection device provided between the base and the arm shaft locking stabilization mechanism. It is not easy to separate.
5. Ultra magnetic force : 250kgf (2500N).  
ON / OFF switch is easy to operate without contact with iron.
6. The rotary locking mechanism (adjust locking knob) is different from the general products. Design with setting force mechanism, it will not affect measurement quality due to the different force. High performance, durable & affordable.



**High precision repeat measurement & Good stability**



**Demo: Repeat accuracy testing.**  
**Repeat radial accuracy : 0.002mm**

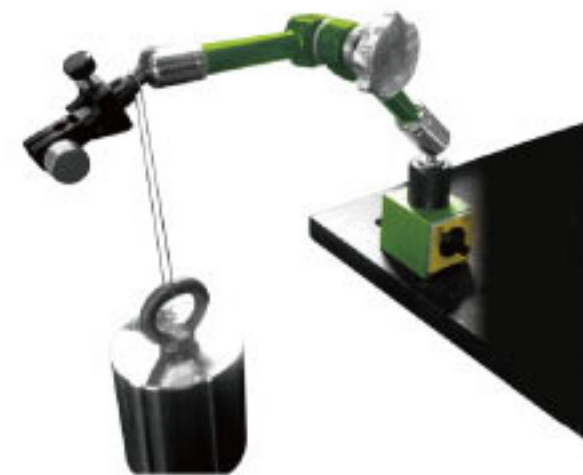


Stretch length 530mm

**Demo : Repeat accuracy testing.**  
Stretch length 600mm, repeat radial accuracy : 0.002mm



**Demo : Hanging 100kgs.**



**Weight loaded : 4 kgs.**



**MGU-530D**

Dovetail & flat back type

**MGU-530L**

Lug back type

## Specifications

Unit : mm

Model No.	Magnetic Base Dimension	A	B	C	D	Total length	Weight (kgs.)
MGU-530D	W50 x H55 x L60	108	147	130	75	530	2.0
MGU-530L	W50 x H55 x L60	108	147	130	75	530	2.0

# Surface Roughness & Profilometer Stand

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## Surface Profilometer Stand

### SP-115

- SP1000 granite stand
- Granite size: 600x450x75mm
- Vertical height :500mm
- Vertical travel: 400mm



## Surface Roughness Tester Stand



### SR-635

For Mitutoyo-SJ201、SJ301、SJ310



### SR-639

For Mitutoyo-SJ401、402



### SR-645

For Mitutoyo-SJ210、SJ411、  
SJ412、SJ500



### SR-601

For HOMMEL TESTER LV15



### SR-605

For HOMMEL T1000-B  
HAND HOLDING TYPE



### SR-623

For HOMMEL T1000-W



### SR-625

For MAHR-M1



### SR-629

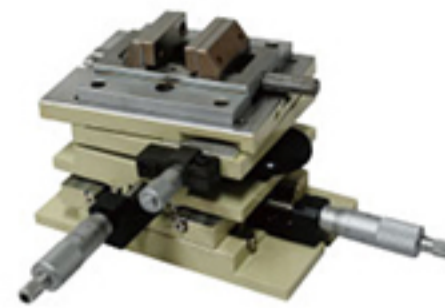
For MAHR-P1

### Specifications :

- Granite size: 350x450x60mm
- Vertical height: 300mm
- Vertical travel: 200mm



**SPA-209**  
AF-304+AF-508



**SPA-213**  
AF-106+AF-522



**AF-106**

- Micro cross-travel table (XY $\alpha$  $\theta$ )
- Dimension of table: 130x100
- Dimension: 232x202x82mm
- $\theta$  angle:  $\pm 5^\circ$ ,  $\alpha$  angle:  $\pm 2^\circ$
- XY travel:  $\pm 12.5$ mm



**AF-304**

- Micro cross-travel table (XY)
- Cylindrical slide type
- Dimension of table: 280x180
- Dimension: 360x262x100mm
- X travel:  $\pm 50$  mm, Y travel:  $\pm 25$



**AF-508**

- Rotary vise, Two–slide jaw type
- Jaw opening 60mm
- Jaw width 80mm, Jaw depth 35mm
- Rotary angle:  $\pm 90^\circ$
- Dimension: 250x167x113mm



**AF-116**

- Micro cross-travel table (XY $\theta$ )
- Cylindrical slide type
- Range: 160x160mm
- XY travel:  $\pm 12.5$ mm
- $\theta$  angle:  $\pm 5^\circ$



**AF-522**

- Precision vise
- Two–slide jaw type
- Dimension: 120x100x32mm
- Mounted on cross-travel table
- Jaw opening 60mm
- Jaw width 44mm
- Jaw depth 16mm



**AF-529**

- V-block & clamp
- Dimension: 153x120x130mm
- Workpiece Dia.:  $\varnothing 85$
- Mounted on cross-travel table



**GM-813**

- Comparator stand
- Dimension: 200x300x60mm
- Repeat accuracy: 0.002mm
- Multi-direction gauge holder
- Height precision Gauge stand



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