

MEASURING TOOLS



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INDUSTRIAL SUPPLY
bluestar



Company Profile

BLUESTAR has been always dedicating to the making of industrial products for our customers. We created BLUESTAR as a brand that has become synonymous with precision, quality and innovation, backed by our first-rate service and support.

Today, BLUESTAR offers four product categories: machine tool accessory, measuring tools, cutting tools and metal working machinery. All these four categories are based on strict quality control at every level of designing, producing and packaging.

Our commitment is to supplying products to our customers with best quality, reliable performance and first-level service. Owing to our distinguishing characteristics, we ensure that BLUESTAR is your best choice of industrial supplies.

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Metal case digital caliper with full screen

- ☐ 14mm high LCD
- ☐ DIN 862 standard, hardened stainless steel structure
- ☐ 3M/S high response speed
- ☐ 3V CR-2032 Lithium battery with low power consumption



Fractional digital caliper

Model No.	Range	Resolution	Accuracy
3100631	0-100mm/0-4"	0.01mm/0.0005"	+/-0.02mm/+/-0.0010"
3150631	0-150mm/0-6"	0.01mm/0.0005"	+/-0.02mm/+/-0.0010"
3200631	0-200mm/0-8"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"
3300631	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"

Model No.	Range	Resolution	Accuracy
3100631F	0-100mm/0-4"	0.01mm/0.0005"/1/64"	+/-0.02mm/+/-0.0010"
3150631F	0-150mm/0-6"	0.01mm/0.0005"/1/64"	+/-0.02mm/+/-0.0010"
3200631F	0-200mm/0-8"	0.01mm/0.0005"/1/64"	+/-0.03mm/+/-0.0015"
3300631F	0-300mm/0-12"	0.01mm/0.0005"/1/64"	+/-0.03mm/+/-0.0015"

IP54 Metal case digital caliper

- ☐ IP54 protection
- ☐ DIN 862 standard, hardened stainless steel structure
- ☐ 3M/S high response speed
- ☐ 1.5V battery, low power consumption



Model No.	Range	Resolution	Accuracy
3100731	0-100mm/0-4"	0.01mm/0.0005"	+/-0.02mm/+/-0.0010"
3150731	0-150mm/0-6"	0.01mm/0.0005"	+/-0.02mm/+/-0.0010"
3200731	0-200mm/0-8"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"
3300731	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"

Digital caliper

- ☐ Display data is origin date of absolute measurement after changing battery
- ☐ DIN 862, hardened stainless steel structure
- ☐ 1.5V battery, low power consumption
- ☐ 3M/S high response speed



Model No.	Range	Resolution	Accuracy
4150121	0-150mm/0-6"	0.01mm/0.0005"	+/-0.02mm/+/-0.0010"
4200121	0-200mm/0-8"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"
4300121	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"

IP54 Digital caliper

- ☐ IP54 protection
- ☐ Hardened stainless steel structure
- ☐ SPC date output
- ☐ 3V Lithium battery with Low power consumption



Model No.	Range	Resolution	Accuracy
103A-150	0-150mm/0-6"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
103A-200	0-200mm/0-8"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
103A-300	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"

NEW

Absolute digital caliper

- ☐ Absolute origin, no response speed limit
- ☐ High Accuracy
- ☐ 3V Lithium battery, battery life > 1 year
- ☐ SPC date output

Model No.	Range	Resolution	Accuracy
104D-100	0-100mm/0-4"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
104D-150	0-150mm/0-6"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
104D-200	0-200mm/0-8"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
104D-300	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"

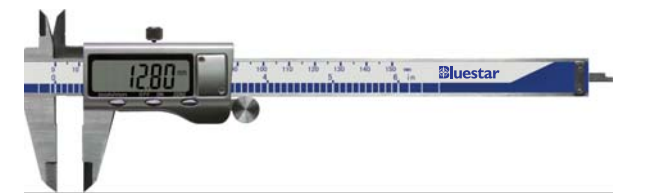


NEW

Metal case digital caliper

- ☐ Large display
- ☐ 1.5V battery, low power consumption
- ☐ DIN 862, hardened stainless steel structure

Model No.	Range	Resolution	Accuracy
104F-150	0-150mm/0-6"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
104F-200	0-200mm/0-8"	0.01mm/0.0005"	+/-0.02mm/+/-0.001"
104F-300	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"



IP67 Metal case digital caliper

- ☐ IP67 protection
- ☐ Hardened stainless steel structure with jaws for 4-way measurements: outside, inside, depth & step
- ☐ Auto power off
- ☐ Zero switches at any position

Model No.	Range	Resolution	Accuracy
106B-150	0-150mm/0-6"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"
106B-200	0-200mm/0-8"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"
106B-300	0-300mm/0-12"	0.01mm/0.0005"	+/-0.03mm/+/-0.0015"



Water-proof

MINI Digital caliper

- ☐ High contrast LCD display
- ☐ For DIY market
- ☐ Solid harden stainless steel body

Model No.	Range	Resolution	Accuracy
3075321	0-75mm/0-3"	0.01mm/0.0005"	0.03mm/0.001"
3100321	0-100mm/0-4"	0.01mm/0.0005"	0.03mm/0.001"



Pocket size

Digital caliper for DIY

- ☐ High contrast LCD display
- ☐ For DIY market
- ☐ Solid harden stainless steel body

Model No.	Range	Resolution
3150131	0-150mm/0-6"	0.01mm/0.0005"
3200131	0-200mm/0-8"	0.01mm/0.0005"
3300131	0-300mm/0-12"	0.01mm/0.0005"



Fractional digital caliper for DIY

- ☐ High contrast LCD display
- ☐ Solid harden stainless steel body
- ☐ For DIY market

Model No.	Range	Resolution
3150131F	0-150mm/0-6"/1/128"	0.01mm/0.0005"
3200131F	0-200mm/0-8"/1/128"	0.01mm/0.0005"
3300131F	0-300mm/0-12"/1/128"	0.01mm/0.0005"



Left hand digital caliper

- ☐ For left handed people
- ☐ Solid harden stainless steel body
- ☐ High contrast LCD display

Model No.	Range	Resolution
4150031L	0-150mm/0-6"	0.01mm/0.0005"
4200031L	0-200mm/0-8"	0.01mm/0.0005"
4300031L	0-300mm/0-12"	0.01mm/0.0005"



Heavy duty digital caliper

- ☐ Big LCD for easy reading
- ☐ With step measurement
- ☐ With data presetting function

Model No.	Range	Resolution	Length of jaw
101A-450	0-450mm/0-18"	0.01mm/0.0005"	100/125/150mm
101A-500	0-500mm/0-20"	0.01mm/0.0005"	100/125/150mm
101A-600	0-600mm/0-24"	0.01mm/0.0005"	100/125/150mm
101A-800	0-800mm/0-32"	0.01mm/0.0005"	125/150/200mm
101A-1000	0-1000mm/0-40"	0.01mm/0.0005"	125/150/200mm
101A-1500	0-1500mm/0-60"	0.01mm/0.0005"	125/150/200mm
101A-2000	0-2000mm/0-80"	0.01mm/0.0005"	150/200/300mm
101A-2500	0-2500mm/0-100"	0.01mm/0.0005"	150/200/300mm



Model No.	Range	Resolution	Length of jaw
101A-3000	0-3000mm/0-120"	0.01mm/0.0005"	200/300mm
101A-3500	0-3500mm/0-140"	0.01mm/0.0005"	200/300mm
101A-4000	0-4000mm/0-160"	0.01mm/0.0005"	200/300mm

Heavy duty digital caliper

- ☐ Big LCD for easy reading
- ☐ With fine adjustment
- ☐ With data presetting function



Model No.	Range	Resolution	Length of jaw
101B-500	0-500mm/0-20"	0.01mm/0.0005"	100/125/150mm
101B-600	0-600mm/0-24"	0.01mm/0.0005"	100/125/150mm
101B-800	0-800mm/0-32"	0.01mm/0.0005"	125/150/200mm
101B-1000	0-1000mm/0-40"	0.01mm/0.0005"	125/150/200mm
101B-1500	0-1500mm/0-60"	0.01mm/0.0005"	125/150/200mm
101B-2000	0-2000mm/0-80"	0.01mm/0.0005"	150/200/300mm
101B-2500	0-2500mm/0-100"	0.01mm/0.0005"	150/200/300mm
101B-3000	0-3000mm/0-120"	0.01mm/0.0005"	200/300mm
101B-3500	0-3500mm/0-140"	0.01mm/0.0005"	200/300mm
101B-4000	0-4000mm/0-160"	0.01mm/0.0005"	200/300mm

Digital caliper

- ☐ Manual power on/off
- ☐ With data output ineterface
- ☐ Hardened stainless steel

Model No.	Range	Resolution	Length of jaw
101D-200	0-200mm/0-8"	0.01mm/0.0005"	60mm
101D-300	0-300mm/0-12"	0.01mm/0.0005"	60mm



Heavy duty digital caliper

- ☐ Knife-edge measuring faces for internal measurement
- ☐ Big LCD for easy reading
- ☐ With fine adjustment
- ☐ With data presetting function



Model No.	Range	Resolution	Length of jaw
101C-500	0-500mm/0-20"	0.01mm/0.0005"	100/125/150mm
101C-600	0-600mm/0-24"	0.01mm/0.0005"	100/125/150mm
101C-800	0-800mm/0-32"	0.01mm/0.0005"	125/150/200mm
101C-1000	0-1000mm/0-40"	0.01mm/0.0005"	125/150/200mm
101C-1500	0-1500mm/0-60"	0.01mm/0.0005"	125/150/200mm
101C-2000	0-2000mm/0-80"	0.01mm/0.0005"	150/200/300mm
101C-2500	0-2500mm/0-100"	0.01mm/0.0005"	150/200/300mm
101C-3000	0-3000mm/0-120"	0.01mm/0.0005"	200/300mm
101C-3500	0-3500mm/0-140"	0.01mm/0.0005"	200/300mm
101C-4000	0-4000mm/0-160"	0.01mm/0.0005"	200/300mm

Dial caliper

- ☐ Locking clamp and thumb wheel
- ☐ DIN 862, hardened stainless steel structure with satin chrome finish beam scale
- ☐ Shock proof



Model No.	Range	Resolution
121-150	0-150mm/0-6"	0.02mm/0.001"
121-200	0-200mm/0-8"	0.02mm/0.001"
121-300	0-300mm/0-12"	0.02mm/0.001"

Dial caliper

- ☐ Plastic cover
- ☐ Locking clamp and thumb wheel
- ☐ Shock proof
- ☐ DIN 862, hardened stainless steel structure with satin chrome finish beam scale



Model No.	Range	Resolution
122-150	0-150mm/0-6"	0.02mm/0.001"
122-200	0-200mm/0-8"	0.02mm/0.001"
122-300	0-300mm/0-12"	0.02mm/0.001"

Dial caliper

- ☐ Locking clamp and thumb wheel
- ☐ Shock proof
- ☐ DIN 862, hardened stainless steel structure with satin chrome finish beam scale

Model No.	Range	Resolution
123-150	0-150mm/0-6"	0.02mm/0.001"
123-200	0-200mm/0-8"	0.02mm/0.001"
123-300	0-300mm/0-12"	0.02mm/0.001"



Model No.	Range	Resolution
124-150	0-150mm	0.01mm
124-200	0-200mm	0.01mm
124-300	0-300mm	0.01mm

Dial caliper

- ☐ Carbon steel body with satin chrome finish beam scale
- ☐ Locking clamp and thumb wheel
- ☐ DIY market
- ☐ Shock proof

Model No.	Range	Resolution
125-150	0-150mm	0.02mm
125-200	0-200mm	0.02mm
125-300	0-300mm	0.02mm



Heavy duty dial caliper

- ☐ Locking clamp and thumb wheel
- ☐ DIN 862, hardened stainless steel structure with satin chrome finish beam scale
- ☐ Shock proof

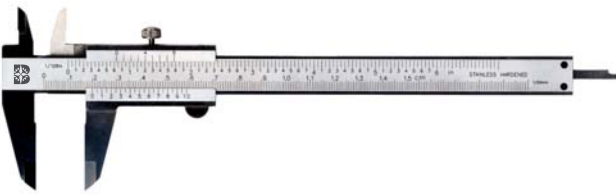


Model No.	Range	Resolution
126-450	0-450mm/0-18"	0.02mm/0.001"
126-500	0-500mm/0-20"	0.02mm/0.001"
126-600	0-600mm/0-24"	0.02mm/0.001"
126-800	0-800mm/0-32"	0.02mm/0.001"
126-1000	0-1000mm/0-40"	0.02mm/0.001"

Monoblock vernier caliper

- ☐ DIN 862, Monoblock, made of hardened stainless steel
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"
- ☐ With locking clamp

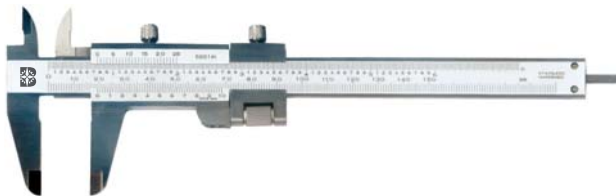
Model No.	Range	Resolution
131-100	0-100mm/0-4"	0.02mm/0.001"
131-150	0-150mm/0-6"	0.02mm/0.001"
131-200	0-200mm/0-8"	0.02mm/0.001"
131-300	0-300mm/0-12"	0.02mm/0.001"



Monoblock vernier caliper with fine adjustment

- ☐ DIN 862, Monoblock, made of hardened stainless steel
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"
- ☐ With fine adjustment
- ☐ With locking clamp

Model No.	Range	Resolution
132-150	0-150mm/0-6"	0.02mm/0.001"
132-200	0-200mm/0-8"	0.02mm/0.001"
132-300	0-300mm/0-12"	0.02mm/0.001"



Monoblock vernier caliper with autolock

- ☐ Monoblock, made of hardened stainless steel.
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"
- ☐ With autolock

Model No.	Range	Resolution
133-150	0-150mm/0-6"	0.02mm/0.001"
133-200	0-200mm/0-8"	0.02mm/0.001"
133-300	0-300mm/0-12"	0.02mm/0.001"



Monoblock vernier caliper with autolock

- ☐ Monoblock, made of hardened stainless steel.
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"
- ☐ With autolock

Model No.	Range	Resolution
134-150	0-150mm/0-6"	0.02mm/0.001"
134-200	0-200mm/0-8"	0.02mm/0.001"
134-300	0-300mm/0-12"	0.02mm/0.001"



Vernier caliper

- ☐ Made of carbon steel
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"
- ☐ With locking clamp

Model No.	Range	Resolution
135-100	0-100mm/0-4"	0.02mm/0.001"
135-150	0-150mm/0-6"	0.02mm/0.001"
135-200	0-200mm/0-8"	0.02mm/0.001"
135-300	0-300mm/0-12"	0.02mm/0.001"



Vernier caliper with autolock

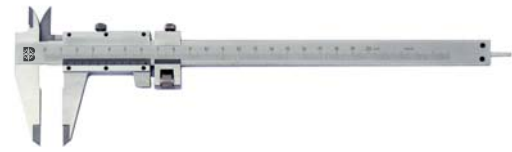
- ☐ Made of carbon steel
- ☐ DIN 862, hardened stainless steel structure with satin chrome finish beam scale
- ☐ With autolock



Model No.	Range	Resolution
136-150	0-150mm/0-6"	0.02mm/0.001"
136-200	0-200mm/0-8"	0.02mm/0.001"
136-300	0-300mm/0-12"	0.02mm/0.001"

Vernier caliper with fine adjustment

- ☐ With fine adjustment
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"
- ☐ Made of carbon steel
- ☐ With locking clamp

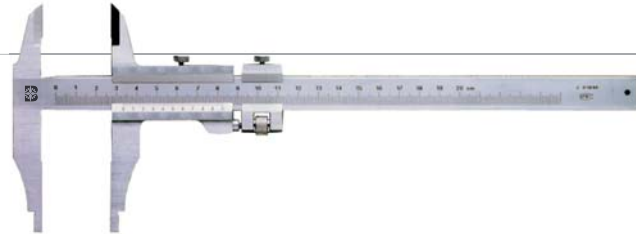


Model No.	Range	Resolution
137-150	0-150mm/0-6"	0.02mm/0.001"
137-200	0-200mm/0-8"	0.02mm/0.001"
137-300	0-300mm/0-12"	0.02mm/0.001"

Heavy duty vernier caliper

- ☐ Fine adjustment
- ☐ Monoblock
- ☐ With locking clamp.
- ☐ Carbon steel or stainless steel is optional
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05/1/128"

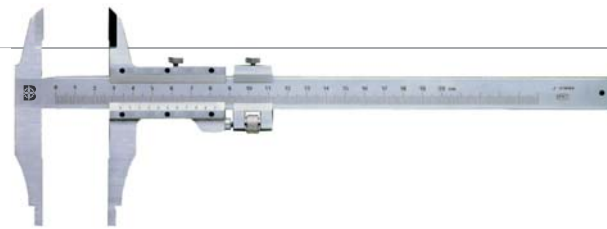
Model No.	Range	Resolution	Lower Jaw length
138-200	0-200mm	0.02mm	60/90
138-300	0-300mm	0.02mm	60/90
138-500	0-500mm	0.02mm	100/125/150
138-600	0-600mm	0.02mm	100/125/150
138-800	0-800mm	0.02mm	125/150/200



Model No.	Range	Resolution	Lower Jaw length
138-1000	0-1000mm	0.02mm	125/150/200
138-1500	0-1500mm	0.02mm	125/150/200
138-2000	0-2000mm	0.02mm	150/200/300
138-2500	0-2500mm	0.02mm	150/200/300
138-3000	0-3000mm	0.02mm	150/200/300

Heavy duty vernier caliper

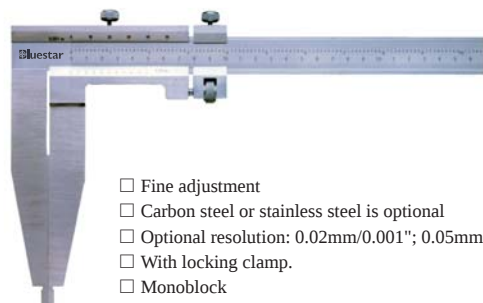
- ☐ Fine adjustment
- ☐ With locking clamp.
- ☐ Carbon steel or stainless steel is optional
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05mm/1/128"



Model No.	Range	Resolution	Lower Jaw length
138K-200	0-200mm	0.02mm	60/90
138K-300	0-300mm	0.02mm	60/90
138K-500	0-500mm	0.02mm	100/125/150
138K-600	0-600mm	0.02mm	100/125/150
138K-800	0-800mm	0.02mm	125/150/200

Model No.	Range	Resolution	Lower Jaw length
138K-1000	0-1000mm	0.02mm	125/150/200
138K-1500	0-1500mm	0.02mm	125/150/200
138K-2000	0-2000mm	0.02mm	150/200/300
138K-2500	0-2500mm	0.02mm	150/200/300
138K-3000	0-3000mm	0.02mm	150/200/300

Heavy duty vernier caliper

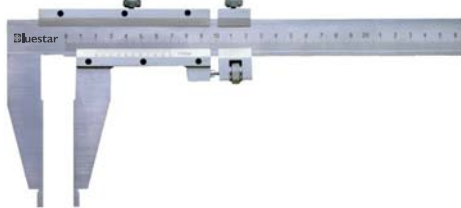


- ☐ Fine adjustment
- ☐ Carbon steel or stainless steel is optional
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05mm/1/128"
- ☐ With locking clamp.
- ☐ Monoblock

Model No.	Range	Resolution	Lower Jaw length
139-500	0-500mm	0.02mm	100/125/150
139-600	0-600mm	0.02mm	100/125/150
139-800	0-800mm	0.02mm	125/150/200
139-1000	0-1000mm	0.02mm	125/150/200
139-1500	0-1500mm	0.02mm	125/150/200
139-2000	0-2000mm	0.02mm	150/200/300
139-2500	0-2500mm	0.02mm	150/200/300
139-3000	0-3000mm	0.02mm	150/200/300

Heavy duty vernier caliper

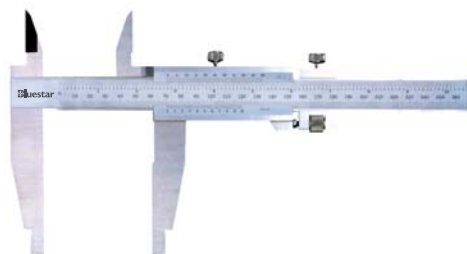
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05mm/1/128"
- ☐ Carbon steel or stainless steel is optional
- ☐ With locking clamp
- ☐ Fine adjustment



Model No.	Range	Resolution	Lower Jaw length
139K-500	0-500mm	0.02mm	100/125/150
139K-600	0-600mm	0.02mm	100/125/150
139K-800	0-800mm	0.02mm	125/150/200
139K-1000	0-1000mm	0.02mm	125/150/200
139K-1500	0-1500mm	0.02mm	125/150/200
139K-2000	0-2000mm	0.02mm	150/200/300
139K-2500	0-2500mm	0.02mm	150/200/300
139K-3000	0-3000mm	0.02mm	150/200/300

Heavy duty vernier caliper

- ☐ Fine adjustment
- ☐ Carbon steel or stainless steel is optional
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05mm/1/128"
- ☐ With locking clamp.



Model No.	Range	Resolution	Lower Jaw length
140-500	0-500mm	0.02mm	100/125/150
140-600	0-600mm	0.02mm	100/125/150
140-800	0-800mm	0.02mm	125/150/200
140-1000	0-1000mm	0.02mm	125/150/200
140-1500	0-1500mm	0.02mm	125/150/200
140-2000	0-2000mm	0.02mm	150/200/300

Heavy duty vernier caliper

- ☐ Carbon steel or stainless steel is optional
- ☐ Fine adjustment
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05mm/1/128"
- ☐ With locking clamp.

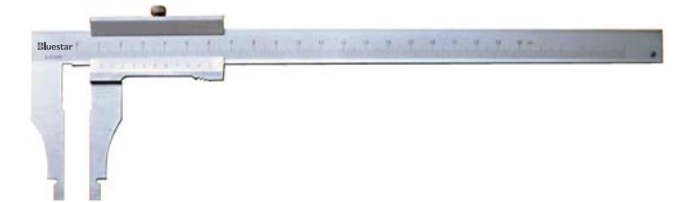
Model No.	Range	Resolution	Lower Jaw length
140K-500	0-500mm	0.02mm	100/125/150
140K-600	0-600mm	0.02mm	100/125/150
140K-800	0-800mm	0.02mm	125/150/200
140K-1000	0-1000mm	0.02mm	125/150/200
140K-1500	0-1500mm	0.02mm	125/150/200
140K-2000	0-2000mm	0.02mm	150/200/300



Vernier caliper

- ☐ Carbon steel or stainless steel is optional
- ☐ Optional resolution: 0.02mm/0.001"; 0.05mm; 0.05mm/1/128"
- ☐ Monoblock
- ☐ With locking clamp

Model No.	Range	Resolution
141-200	0-200mm	0.02mm
141-250	0-250mm	0.02mm
141-300	0-300mm	0.02mm



Inside&outside combined digital caliper

- ☐ With interchangeable anvils
- ☐ Zero-setting at any position
- ☐ Manual power on/off
- ☐ Metric/Inch system conversion at any position
- ☐ With data output interface

Model No.	Measuring range	Resolution	Length of jaw
114A-150	150mm/6"	0.01/0.0005"	40mm
114A-200	200mm/8"	0.01/0.0005"	50mm
114A-300	300mm/12"	0.01/0.0005"	60mm



Digital inside groove caliper

- ☐ Zero-setting at any position
- ☐ Data output
- ☐ It can measure the width of an inside groove



Model No.	Range	Resolution
108A-150	20-170mm/0.8-6.8"	0.01mm/0.0005"
108A-200	25-225mm/1-9"	0.01mm/0.0005"
108A-300	30-330mm/1.2-13"	0.01mm/0.0005"

Digital outside groove caliper

- ☐ Zero-setting at any position
- ☐ Data output
- ☐ It can measure the width of an outside groove



Model No.	Range	Resolution
108B-150	150mm/6"	0.01mm/0.0005"
108B-200	200mm/8"	0.01mm/0.0005"
108B-300	300mm/12"	0.01mm/0.0005"

Long jaw inside digital caliper

- ☐ To measure the diameter of deep holes
- ☐ With data output interface
- ☐ Manual power on/off

Model No.	Range	Resolution
108D-150	15-150mm/0.6-6"	0.01mm/0.0005"
108D-200	18-200mm/0.72-8"	0.01mm/0.0005"
108D-300	20-300mm/0.8-12"	0.01mm/0.0005"
108D-500	22-500mm/0.88-20"	0.01mm/0.0005"



Center distance digital caliper

- ☐ LCD display for easy reading
- ☐ With data output interface
- ☐ With data presetting function

Model No.	Range	Resolution	Length of jaw
114B-150	20-150mm	0.01mm/0.0005"	180mm
114B-200	20-200mm	0.01mm/0.0005"	180mm
114B-300	20-300mm	0.01mm/0.0005"	180mm
114B-500	20-500mm	0.01mm/0.0005"	216.5mm
114B-1000	20-1000mm	0.01mm/0.0005"	400mm
114B-2000	20-2000mm	0.01mm/0.0005"	625mm



Center distance digital caliper

- ☐ Manual power on/off
- ☐ With data output interface
- ☐ To measure the center distance between two holes whose center distance is above 5mm

Model No.	Range	Resolution	Length of jaw
114C-320	5-150mm/0.2-6"	0.01/0.0005"	17mm
114C-325	5-200mm/0.2-8"	0.01/0.0005"	17mm



Offset digital caliper

- ☐ Units conversion
- ☐ Data output
- ☐ Main scale jaw can be slid up and down to facilitate measurement of stepped sections



Model No.	Range
114D-150	0-150mm/0-6"
114D-200	0-200mm/0-8"
114D-300	0-300mm/0-12"
114D-500	0-500mm/0-20"

Digital caliper with upper jaws in one direction

- ☐ Units conversion
- ☐ Can take measurement of distance in one direction on the same surface
- ☐ Can take measurement of step distance in one direction on different surfaces

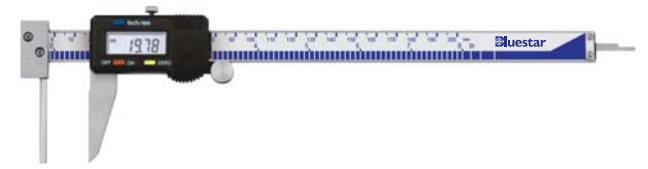


Model No.	Range	Resolution
114F-150	0-150mm/0-6"	0.01/0.0005"
114F-200	0-200mm/0-8"	0.01/0.0005"
114F-300	0-300mm/0-12"	0.01/0.0005"

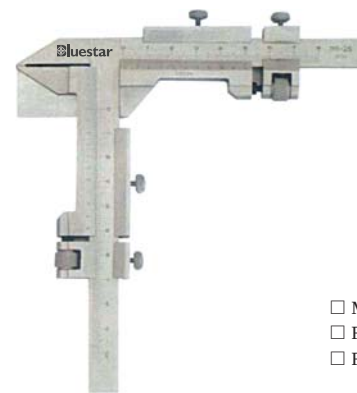
Tube thickness type digital caliper

- ☐ Facilitate measurements of tube wall thickness
- ☐ Units conversion

Model No.	Range	Resolution
114G-150	0-150mm/0-6"	0.01mm/0.005"
114G-200	0-200mm/0-8"	0.01mm/0.005"
114G-300	0-300mm/0-12"	0.01mm/0.005"



Gear tooth vernier caliper



- ☐ Model No.: 114NV-26
- ☐ Range: m1-26
- ☐ Resolution: 0.02mm

Pointed-jaw digital caliper

- ☐ Pointed lower jaws
- ☐ Units conversion
- ☐ Data output



Model No.	Range	Resolution
114P-75	0-75mm/0-3"	0.01mm/0.005"
114P-100	0-100mm/0-4"	0.01mm/0.005"
114P-150	0-150mm/0-6"	0.01mm/0.005"
114P-200	0-200mm/0-8"	0.01mm/0.005"
114P-300	0-300mm/0-12"	0.01mm/0.005"

Digital horizontal scale

- ☐ High contrast LCD display
- ☐ Solid harden stainless steel body
- ☐ Options:all kinds of caliper sticking films



Model No.	Range	Resolution
112A-100	0-100mm/0-4"	0.01mm/0.0005"
112A-150	0-150mm/0-6"	0.01mm/0.0005"
112A-200	0-200mm/0-8"	0.01mm/0.0005"
112A-300	0-300mm/0-12"	0.01mm/0.0005"
112A-450	0-450mm/0-18"	0.01mm/0.0005"
112A-500	0-500mm/0-20"	0.01mm/0.0005"
112A-600	0-600mm/0-24"	0.01mm/0.0005"
112A-800	0-800mm/0-32"	0.01mm/0.0005"
112A-1000	0-1000mm/0-40"	0.01mm/0.0005"

Digital vertical scale

- ☐ High contrast LCD display
- ☐ Solid harden stainless steel body
- ☐ Options:all kinds of caliper sticking films
- ☐ Direct RS-232 output for printer and computer interfacing
- ☐ Direct Metric/Inch conversion
- ☐ Floating zero at any point for comparative measurements

Model No.	Range	Resolution
112B-100	0-100mm/0-4"	0.01mm/0.0005"
112B-150	0-150mm/0-6"	0.01mm/0.0005"
112B-200	0-200mm/0-8"	0.01mm/0.0005"
112B-300	0-300mm/0-12"	0.01mm/0.0005"
112B-450	0-450mm/0-18"	0.01mm/0.0005"
112B-500	0-500mm/0-20"	0.01mm/0.0005"
112B-600	0-600mm/0-24"	0.01mm/0.0005"
112B-800	0-800mm/0-32"	0.01mm/0.0005"
112B-1000	0-1000mm/0-40"	0.01mm/0.0005"



Absolute digital horizontal scale

- ☐ With display holding function
- ☐ Absolute and incremental measurement
- ☐ Data output
- ☐ No response speed limit



Model No.	Range	Resolution
112C-150	0-150mm/0-6"	0.01mm/0.0005"
112C-200	0-200mm/0-8"	0.01mm/0.0005"
112C-300	0-300mm/0-12"	0.01mm/0.0005"
112C-500	0-500mm/0-20"	0.01mm/0.0005"
112C-1000	0-1000mm/0-40"	0.01mm/0.0005"

Absolute digital vertical scale

- ☐ With display holding function
- ☐ Data output
- ☐ Absolute and incremental measurement
- ☐ No response speed limit
- ☐ Options: all kinds of caliper sticking films
- ☐ Direct Metric/Inch conversion
- ☐ Floating zero at any point for comparative measurements



Model No.	Range	Resolution
112D-150	0-150mm/0-6"	0.01mm/0.0005"
112D-200	0-200mm/0-8"	0.01mm/0.0005"
112D-300	0-300mm/0-12"	0.01mm/0.0005"
112D-500	0-500mm/0-20"	0.01mm/0.0005"
112D-1000	0-1000mm/0-40"	0.01mm/0.0005"

Aluminum digital vertical scale

- ☐ Upgrade milling machine, router table planer, table saw fence to digital reading
- ☐ Equipped with digital readout of 1,2,3 axes
- ☐ With data output
- ☐ 1.5V battery
- ☐ The length can be cut to fit any setup



Model No.	Range	Resolution
112F-300	0-300mm/0-12"	0.01mm/0.0005"
112F-400	0-400mm/0-16"	0.01mm/0.0005"
112F-500	0-500mm/0-20"	0.01mm/0.0005"
112F-600	0-600mm/0-24"	0.01mm/0.0005"
112F-800	0-800mm/0-32"	0.01mm/0.0005"
112F-999	0-999mm/0-39"	0.01mm/0.0005"

Aluminum digital horizontal scale

- ☐ With date output
- ☐ 1.5V battery
- ☐ The length can be cut to fit any setup

NEW



Model No.	Range	Resolution
112E-300	0-300mm/0-12"	0.01mm/0.0005"
112E-400	0-400mm/0-16"	0.01mm/0.0005"
112E-500	0-500mm/0-20"	0.01mm/0.0005"
112E-600	0-600mm/0-24"	0.01mm/0.0005"
112E-800	0-800mm/0-32"	0.01mm/0.0005"
112E-999	0-999mm/0-39"	0.01mm/0.0005"

LCD display unit for one, two and three axes

- ☐ Can display one axis
- ☐ It can use 2pcs AAA batteries
- ☐ Used to detect and display the displacement of worktable of machine tools
- ☐ Extensively applied in the improvement of used machine tools



Model No.	Range	Resolution	Power	Sig. cable
112G-401	300-999mm/12-39"	0.01mm/0.0005"	110-220V AC Adapter	2m

- ☐ Can display X,Y,Z coordinate data simultaneously
- ☐ It can use 2pcs AAA batteries



Model No.	Range	Resolution	Power	Sig. cable
112G-402	300-999mm/12-39"	0.01mm/0.0005"	110-220V AC Adapter	2m
112G-403	300-999mm/12-39"	0.01mm/0.0005"	110-220V AC Adapter	2m

Multifunctional digital readout

These digital readouts are for one axis, two axes and three axes. For different machine tools, this gauge can be switched to corresponding function just by changing the parameters. It is provided with many graphic machining functions, including: R-arc function, equal-division function, bevel machining function and diagonal boring function for milling machine; EDM function for spark tester; tool library and taper measuring function for lathe. Detail specifications are upon request.



One axis 112H-101



Two axes 112H-102



Three axes 112H-103

Mini digital readout

- ☐ Detail specifications are upon request.

NEW



112H-501



112H-502



112H-503

Magnetic scale

- ☐ Protection level: IP67
- ☐ Output: LINE-DRIVE, PUSH-PULL



Model No.	Measure length	Accuracy
112J-1000	1000mm	±10/±15/±30μm(-10°C/80°F)
112J-2000	2000mm	±10/±15/±30μm(-10°C/80°F)
112J-3000	3000mm	±10/±15/±30μm(-10°C/80°F)

Linear scale

- ☐ Protection level: IP55
- ☐ Output: TTL
- ☐ Detail specifications are upon request.



Model No.	Measure length	Cross section	Accuracy
112I-2	70-270mm	16x16mm	±3/±5/±10μm(20°C/68°F)
112I-3	70-1020mm	25x34mm	±3/±5/±10μm(20°C/68°F)
112I-5	70-470mm	18x20mm	±3/±5/±10μm(20°C/68°F)
112I-6	1000-3000mm	30x43mm	±3/±5/±10μm(20°C/68°F)

Model No.	Measure length	Cross section	Accuracy
112I-7	170-1240mm	40x42mm	±3/±5/±10μm(20°C/68°F)
112I-8	3000-10000mm	30x43mm	±3/±5/±10μm(20°C/68°F)
112I-9	50mm	21x40mm	±3/±5/±10μm(20°C/68°F)

Digital depth caliper

- ☐ Metric/inch conversion
- ☐ Data output
- ☐ Zero-setting at any position

Model No.	Range	Resolution
103E-150	0-150mm/6"	0.01mm/0.0005"
103E-200	0-200mm/8"	0.01mm/0.0005"
103E-300	0-300mm/12"	0.01mm/0.0005"



Digital depth caliper

- ☐ Data output
- ☐ Units conversion
- ☐ Can measure groove width and position of a groove

Model No.	Range	Resolution
103F-150	0-150mm/6"	0.01mm/0.0005"
103F-200	0-200mm/8"	0.01mm/0.0005"
103F-300	0-300mm/12"	0.01mm/0.0005"



IP67 digital depth caliper

- ☐ Can measure groove width and position of a groove
- ☐ IP67 Protection level
- ☐ Data output

Model No.	Range	Resolution	Accuracy
103G-150	0-150mm/6"	0.01mm/0.0005"	±0.03mm
103G-200	0-200mm/8"	0.01mm/0.0005"	±0.03mm
103G-300	0-300mm/12"	0.01mm/0.0005"	±0.04mm
103G-500	0-500mm/20"	0.01mm/0.0005"	±0.05mm

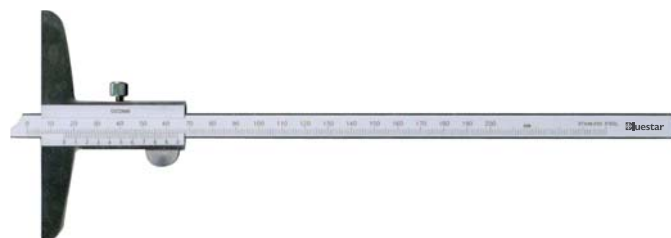


Water-proof

Depth vernier caliper

- ☐ Material: stainless steel or carbon steel is optional
- ☐ Monoblock with locking screw and thumb knob
- ☐ Optional resolution: 0.02mm; 0.05mm; 0.05mm/1/128"

Model No.	Range	Resolution
151-150	0-150mm/6"	0.02mm/0.001"
151-200	0-200mm/8"	0.02mm/0.001"
151-300	0-300mm/12"	0.02mm/0.001"
151-500	0-500mm/20"	0.02mm/0.001"
151-600	0-600mm/24"	0.02mm/0.001"
151-1000	0-1000mm/40"	0.02mm/0.001"



Depth vernier caliper

- ☐ Material: stainless steel
- ☐ Monoblock with locking screw and thumb knob
- ☐ Optional resolution: 0.02mm; 0.02mm/0.001"; 0.05mm/1/128"

Model No.	Range	Resolution
152-150	0-150mm	0.05mm
152-200	0-200mm	0.05mm
152-300	0-300mm	0.05mm



Depth vernier caliper

- ☐ Material: stainless steel
- ☐ Monoblock with locking screw and thumb knob
- ☐ Optional resolution: 0.02mm; 0.02mm/0.001"; 0.05mm/1/128"

Model No.	Range	Resolution
153-150	0-150mm	0.05mm
153-200	0-200mm	0.05mm
153-300	0-300mm	0.05mm



Digital height gauge with hand wheel

- ☐ Data output
- ☐ Presetting
- ☐ Carbide-tipped scriber
- ☐ Fine adjustment carriage to feed the slider finely



Model No.	Range	Resolution
521-300	0-300mm/12"	0.01mm/0.0005"
521-500	0-500mm/20"	0.01mm/0.0005"
521-600	0-600mm/25"	0.01mm/0.0005"

Digital height gauge

- ☐ Power on/off
- ☐ Data output
- ☐ Presetting
- ☐ Zero setting at any position
- ☐ mm/in conversion



Model No.	Range	Resolution
514-300	0-300mm/12"	0.01mm/0.0005"
514-450	0-450mm/18"	0.01mm/0.0005"
514-500	0-500mm/20"	0.01mm/0.0005"
514-600	0-600mm/25"	0.01mm/0.0005"
514-1000	0-1000mm/40"	0.01mm/0.0005"
514-1500	0-1500mm/60"	0.01mm/0.0005"

Digital height gauge

- ☐ Power on/off
- ☐ Data output
- ☐ Presetting

Model No.	Range	Resolution
512-200	0-200mm/8"	0.01mm/0.0005"
512-300	0-300mm/12"	0.01mm/0.0005"
512-450	0-450mm/18"	0.01mm/0.0005"
512-500	0-500mm/20"	0.01mm/0.0005"
512-600	0-600mm/24"	0.01mm/0.0005"
512-1000	0-1000mm/40"	0.01mm/0.0005"



Absolute digital height gauge

- ☐ Large LCD display
- ☐ Carbide tipped scriber
- ☐ ABS/INC measurement
- ☐ Floating zero
- ☐ Inch/Metric conversion
- ☐ No speed limit
- ☐ Absolute origin

Absolute

Model No.	Range	Resolution	Accuracy
518-300	0-300mm/12"	0.01mm/0.0005"	0.03mm/0.001"
518-600	0-600mm/24"	0.01mm/0.0005"	0.05mm/0.002"



Plastic wood working digital height gauge

- ☐ It can be used to set saw blade and router bit height as well as the distance from a router fence to the bit
- ☐ Made of light weight, high strength, wear-resistant engineering plastic
- ☐ Built-in magnetic base
- ☐ High accuracy for woodworking
- ☐ With data out-put
- ☐ Fractional system is optional: 1/32" 1/64" 1/128" 1/256"



Model No.	Range	Resolution	Accuracy
519-150	0-150mm/6"	0.01mm/0.0005"	± 0.2mm/0.001"



Digital height gauge with two columns

- ☐ Large LCD display
- ☐ Carbide tipped scriber
- ☐ ABS/INC Measurement
- ☐ Measuring speed: 3m/s
- ☐ Accuracy: 300mm 0.04mm/0.0015"
600mm 0.06mm/0.0025"

Model No.	Range	Resolution
517-300	0-300mm/12"	0.01mm/0.0005"
517-600	0-600mm/24"	0.01mm/0.0005"



Digital height gauge with two columns

- ☐ Floating zero
- ☐ Inch/Metric conversion
- ☐ With drive wheel
- ☐ Carbide tipped scriber
- ☐ With data output
- ☐ Height gauge within 0-600mm/0-24" have two columns, over 0-600mm/0-24" have three columns

Model No.	Range	Resolution
515-300	0-300mm/12"	0.01mm/0.001"
515-450	0-450mm/18"	0.01mm/0.001"
515-500	0-500mm/20"	0.01mm/0.001"
515-600	0-600mm/24"	0.01mm/0.001"
516-800	0-800mm/32"	0.01mm/0.001"
516-1000	0-1000mm/40"	0.01mm/0.001"



Dial digital counter height gauge

- ☐ Driving wheel
- ☐ Dual direction counter
- ☐ Carbide-tipped scriber, stainless steel beam and base
- ☐ Height gauge within 0-600mm/0-24" have two columns, over 0-600mm/0-24" have three columns

Model No.	Range	Graduation
501-300	0-300mm/12"	0.01mm/0.001"
501-450	0-450mm/18"	0.01mm/0.001"
501-500	0-500mm/20"	0.01mm/0.001"
501-600	0-600mm/24"	0.01mm/0.001"
502-800	0-800mm/32"	0.01mm/0.001"
502-1000	0-1000mm/40"	0.01mm/0.001"



Dial height gauge

- ☐ Carbide-tipped scriber
- ☐ Stainless steel beam and base
- ☐ With fine adjustment and locking clamp

Model No.	Range	Graduation
503-150	0-150mm/6"	0.02mm/0.001"
503-200	0-200mm/8"	0.02mm/0.001"
503-300	0-300mm/12"	0.02mm/0.001"



Vernier height gauge with adjustable scale

- ☐ Carbide-tipped scriber
- ☐ Adjustable scale for zero set
- ☐ With locking clamp, fine adjustment and magnifier
- ☐ Other graduation is available

Model No.	Range	Graduation
531-300	0-300mm/12"	0.02mm/0.001"
531-450	0-450mm/18"	0.02mm/0.001"
531-500	0-500mm/20"	0.02mm/0.001"
531-600	0-600mm/24"	0.02mm/0.001"
531-1000	0-1000mm/40"	0.02mm/0.001"
531-1500	0-1500mm/60"	0.02mm/0.001"



Vernier height gauge for DIY market

- ☐ For DIY market
- ☐ Carbon steel beam and base with satin chrome finish reading surface
- ☐ Adjustable scale for zero set
- ☐ With locking clamp,
- ☐ Fine adjustment and magnifier
- ☐ Other graduation is available

Model No.	Range	Graduation
532-200	0-200mm	0.02mm
532-300	0-300mm	0.02mm
532-450	0-450mm	0.02mm
532-500	0-500mm	0.02mm
532-600	0-600mm	0.02mm
532-1000	0-1000mm	0.02mm



Vernier height gauge for DIY market

- ☐ For DIY market
- ☐ Carbon steel beam and base with satin chrome finish reading surface
- ☐ With locking clamp
- ☐ Fine adjustment
- ☐ Other graduation is available

Model No.	Range	Graduation
533-200	0-200mm	0.02mm
533-300	0-300mm	0.02mm
533-500	0-500mm	0.02mm
533-600	0-600mm	0.02mm
533-1000	0-1000mm	0.02mm
533-1500	0-1500mm	0.02mm



Electronic outside micrometer of IP54

- ☐ Protection level IP54
- ☐ Carbide measuring faces. Painted frame.
- ☐ RS232 data output.
- ☐ Criterion: DIN863/1 DIN40050/IEC529
- ☐ Protection level IP65 is optional.

Model No.	Range	Resolution	Accuracy
211D-25	0-25mm/0-1"	0.001mm/0.00005"	0.004mm
211D-50	25-50mm/1-2"	0.001mm/0.00005"	0.004mm
211D-75	50-75mm/2-3"	0.001mm/0.00005"	0.005mm
211D-100	75-100mm/3-4"	0.001mm/0.00005"	0.005mm
211D-125	100-125mm/4-5"	0.001mm/0.00005"	0.006mm
211D-150	125-150mm/5-6"	0.001mm/0.00005"	0.006mm
211D-175	150-175mm/6-7"	0.001mm/0.00005"	0.007mm
211D-200	175-200mm/7-8"	0.001mm/0.00005"	0.007mm



Micrometer sets

Model No.	Range
211D-3	0-75mm/0-3"
211D-4	0-100mm/0-4"
211D-6	0-150mm/0-6"
211D-8	0-200mm/0-8"

Electronic outside micrometer of IP54

- ☐ Protection level IP54
- ☐ RS232 data output.
- ☐ Criterion: DIN863/1 DIN40050/IEC529
- ☐ Double measuring forces:ratchet stop and ratchet friction thimble

Model No.	Range	Resolution	Accuracy
211B-25	0-25mm/0-1"	0.001mm/0.00005"	0.004mm
211B-50	25-50mm/1-2"	0.001mm/0.00005"	0.004mm
211B-75	50-75mm/2-3"	0.001mm/0.00005"	0.005mm
211B-100	75-100mm/3-4"	0.001mm/0.00005"	0.005mm
211B-125	100-125mm/4-5"	0.001mm/0.00005"	0.006mm
211B-150	125-150mm/5-6"	0.001mm/0.00005"	0.006mm
211B-175	150-175mm/6-7"	0.001mm/0.00005"	0.007mm
211B-200	175-200mm/7-8"	0.001mm/0.00005"	0.007mm



Micrometer sets

Model No.	Range
211B-3	0-75mm/0-3"
211B-4	0-100mm/0-4"
211B-6	0-150mm/0-6"
211B-8	0-200mm/0-8"

Electronic outside micrometer of IP54

- ☐ Protection level IP54
- ☐ Painted frame
- ☐ Carbide measuring face
- ☐ Criterion: DIN863/1 DIN40050/IEC529
- ☐ Ratchet friction thimble

Model No.	Range	Resolution	Accuracy
211A-25	0-25mm/0-1"	0.001mm/0.00005"	0.004mm
211A-50	25-50mm/1-2"	0.001mm/0.00005"	0.004mm
211A-75	50-75mm/2-3"	0.001mm/0.00005"	0.005mm
211A-100	75-100mm/3-4"	0.001mm/0.00005"	0.005mm
211A-125	100-125mm/4-5"	0.001mm/0.00005"	0.006mm
211A-150	125-150mm/5-6"	0.001mm/0.00005"	0.006mm
211A-175	150-175mm/6-7"	0.001mm/0.00005"	0.007mm
211A-200	175-200mm/7-8"	0.001mm/0.00005"	0.007mm



Micrometer sets

Model No.	Range
211A-3	0-75mm/0-3"
211A-4	0-100mm/0-4"
211A-6	0-150mm/0-6"

Electronic outside micrometer of IP65

- ☐ Protection level IP65
- ☐ 2 mm spindle pitch, the speed is 4 times than normal one
- ☐ Carbide measuring faces
- ☐ SPC data output

Model No.	Range	Resolution	Accuracy
211C-25	0-25mm/0-1"	0.001mm/0.00005"	0.001mm
211C-50	25-50mm/1-2"	0.001mm/0.00005"	0.001mm
211C-75	50-75mm/2-3"	0.001mm/0.00005"	0.002mm
211C-100	75-100mm/3-4"	0.001mm/0.00005"	0.002mm
211C-125	100-125mm/4-5"	0.001mm/0.00005"	0.002mm
211C-150	125-150mm/5-6"	0.001mm/0.00005"	0.002mm
211C-175	150-175mm/6-7"	0.001mm/0.00005"	0.003mm
211C-200	175-200mm/7-8"	0.001mm/0.00005"	0.003mm



Model No.	Range	Resolution	Accuracy
211C-225	200-225mm/8-9"	0.001mm/0.00005"	0.003mm
211C-250	225-250mm/9-10"	0.001mm/0.00005"	0.003mm
211C-275	250-275mm/10-11"	0.001mm/0.00005"	0.004mm
211C-300	275-300mm/11-12"	0.001mm/0.00005"	0.004mm

Electronic snap micrometer

- ☐ No rotating spindle
- ☐ Absolute origin, IP65 protection level
- ☐ Quick measuring with lever, high accuracy
- ☐ SPC data output

Model No.	Range	Resolution	Accuracy
211F-25	0-25mm/0-1"	0.001mm/0.00005"	0.003mm
211F-50	25-50mm/1-2"	0.001mm/0.00005"	0.003mm
211F-75	50-75mm/2-3"	0.001mm/0.00005"	0.004mm
211F-100	75-100mm/3-4"	0.001mm/0.00005"	0.004mm



Electronic outside micrometer

- ☐ Easy to operate, could be operated by one hand.
- ☐ Carbide measuring faces.
- ☐ Ratchet friction thimble.

Model No.	Range	Resolution	Accuracy
211E-25	0-25mm/0-1"	0.001mm/0.00005"	0.002mm
211E-50	25-50mm/1-2"	0.001mm/0.00005"	0.002mm
211E-75	50-75mm/2-3"	0.001mm/0.00005"	0.003mm
211E-100	75-100mm/3-4"	0.001mm/0.00005"	0.003mm



Micrometer sets

Model No.	Range
211E-3	0-75mm/0-3"
211E-4	0-100mm/0-4"

Electronic outside micrometer for DIY

- ☐ For DIY market
- ☐ With data output interface
- ☐ Metric scale and inch scale is optional
- ☐ Carbide tipped measuring faces
- ☐ Data hold function

Model No.	Range	Resolution
211C-25A	0-25mm/0-1"	0.001mm/0.00005"
211C-50A	25-50mm/1-2"	0.001mm/0.00005"
211C-75A	50-75mm/2-3"	0.001mm/0.00005"
211C-100A	75-100mm/3-4"	0.001mm/0.00005"



Digit outside micrometer with counter

- ☐ Mechanical digit counter for quick and error-free reading
- ☐ Carbide measuring faces
- ☐ Inch scale is available
- ☐ Painted frame
- ☐ Ratchet stop

Model No.	Range	Resolution
354-25A	0-25mm	0.01mm
354-50A	25-50mm	0.01mm
354-75A	50-75mm	0.01mm
354-100A	75-100mm	0.01mm
354-125A	100-125mm	0.01mm
354-150A	125-150mm	0.01mm
354-175A	150-175mm	0.01mm
354-200A	175-200mm	0.01mm
354-225A	200-225mm	0.01mm
354-250A	225-250mm	0.01mm
354-275A	250-275mm	0.01mm
354-300A	275-300mm	0.01mm



Micrometer sets

Model No.	Range
354A-3	0-75mm
354A-4	0-100mm
354A-6	0-150mm

Digit outside micrometer with counter for DIY market

- ☐ For DIY market
- ☐ Painted frame
- ☐ Carbide measuring faces
- ☐ Ratchet stop
- ☐ Mechanical digit counter for quick and error-free reading

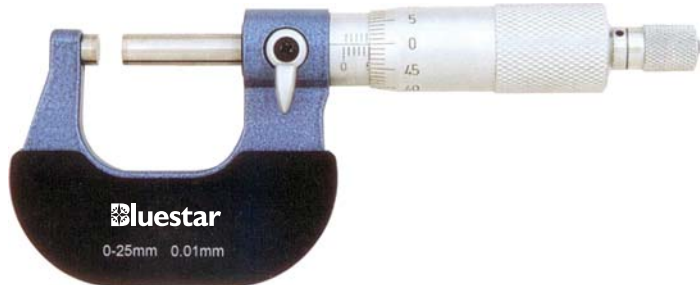
Model No.	Range	Reading
355-25	0-25mm/0-1"	0.01mm/0.001"
355-50	25-50mm/1-2"	0.01mm/0.001"
355-75	50-75mm/2-3"	0.01mm/0.001"
355-100	75-100mm/3-4"	0.01mm/0.001"



Outside micrometer

- ☐ Carbide measuring faces
- ☐ Painted frame
- ☐ Ratchet stop, friction thimble and ratchet frinction thimble is optional
- ☐ Resolution: 0.01mm(Metric); 0.0001"(Inch)

Model No.	Range	Model No.	Range
371-25B	0-25mm	371-1	0-1"
371-50B	25-50mm	371-2	1-2"
371-75B	50-75mm	371-3	2-3"
371-100B	75-100mm	371-4	3-4"
371-125B	100-125mm	371-5	4-5"
371-150B	125-150mm	371-6	5-6"
371-175B	150-175mm	371-7	6-7"
371-200B	175-200mm	371-8	7-8"



Micrometer sets

Model No.	Range	Model No.	Range
371-3	0-75mm	371I-3	0-3"
371-4	0-100mm	371I-4	0-4"
371-6	0-150mm	371I-6	0-6"
371-8	0-200mm	371I-8	0-8"

Outside micrometer

- ☐ Carbide measuring faces
- ☐ Chrome-plated frame
- ☐ Ratchet stop,friction thimble and ratchet frinction thimble is optional
- ☐ Resolution: 0.01mm(Metric); 0.0001"(Inch)

Model No.	Range	Model No.	Range
372-25C	0-25mm	372-1	0-1"
372-50C	25-50mm	372-2	1-2"
372-75C	50-75mm	372-3	2-3"
372-100C	75-100mm	372-4	3-4"
372-125C	100-125mm	372-5	4-5"
372-150C	125-150mm	372-6	5-6"
372-175C	150-175mm	372-7	6-7"
372-200C	175-200mm	372-8	7-8"



Micrometer sets

Model No.	Range	Model No.	Range
372-3	0-75mm	372I-3	0-3"
372-4	0-100mm	372I-4	0-4"
372-6	0-150mm	372I-6	0-6"
372-12	0-200mm	372I-8	0-8"

Outside micrometer

- ☐ Ratchet stop
- ☐ Carbide measuring faces.Painted frame
- ☐ Resolution: 0.01mm(Metric); 0.0001"(Inch)

Model No.	Range	Model No.	Range
373-25A	0-25mm	373-1	0-1"
373-50A	25-50mm	373-2	1-2"
373-75A	50-75mm	373-3	2-3"
373-100A	75-100mm	373-4	3-4"
373-125A	100-125mm	373-5	4-5"
373-150A	125-150mm	373-6	5-6"
373-175A	150-175mm	373-7	6-7"
373-200A	175-200mm	373-8	7-8"
373-225A	200-225mm	373-9	8-9"
373-250A	225-250mm	373-10	9-10"
373-275A	250-275mm	373-11	10-11"
373-300A	275-300mm	373-12	11-12"



Micrometer sets

Model No.	Range	Model No.	Range
373-3	0-75mm	373I-3	0-3"
373-4	0-100mm	373I-4	0-4"
373-6A	0-150mm	373I-6A	0-6"
373-6B	150-300mm	373I-6B	6-12"
373-12	0-300mm	373I-12	0-12"

Outside micrometer

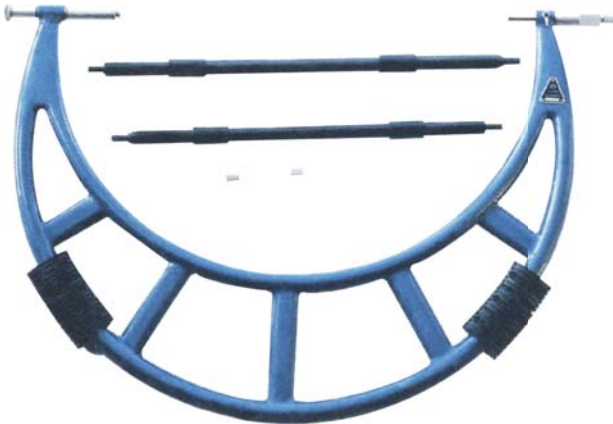
- ☐ Carbide measuring faces. Painted frame
- ☐ Resolution: 0.01mm(Metric); 0.0001"(Inch)

Model No.	Range	Model No.	Range
374-125A	100-125mm	374-5	4-5"
374-150A	125-150mm	374-6	5-6"
374-175A	150-175mm	374-7	6-7"
374-200A	175-200mm	374-8	7-8"
374-225A	200-225mm	374-9	8-9"
374-250A	225-250mm	374-10	9-10"
374-275A	250-275mm	374-11	10-11"
374-300A	275-300mm	374-12	11-12"



■ Outside micrometer with adjustable anvil

- ☐ Standard collars: Within 1000mm/40": 25mm/1", 50mm/2"; Over 1000mm/40": 50mm/2", 100mm/4"
- ☐ Carbide measuring faces. Painted frame
- ☐ Resolution: 0.01mm(metric); 0.001"(inch)
- ☐ Pipe combined frame for light weight and high rigidity



Travel of micrometer head: 25mm; Micrometer thread pitch: 0.5mm

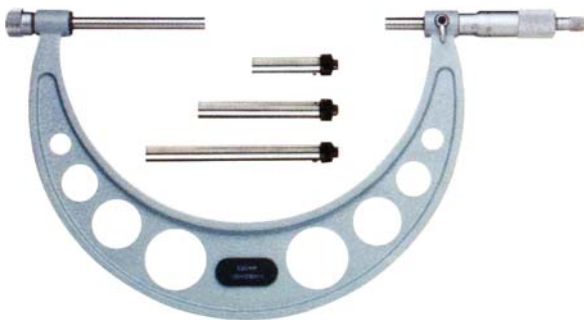
Model No.	Range	Model No.	Range
361-400A	300-400mm	361-16	12-16"
361-500A	400-500mm	361-20	16-20"
361-600A	500-600mm	361-24	20-24"
361-700A	600-700mm	361-28	24-28"
361-800A	700-800mm	361-32	28-32"
361-900A	800-900mm	361-36	32-36"
361-1000A	900-1000mm	361-40	36-40"

Travel of micrometer head:50mm; Micrometer thread pitch:1 mm

Model No.	Range	Model No.	Range
361-1200A	1000-1200mm	361-48	40-48"
361-1400A	1200-1400mm	361-56	48-56"
361-1600A	1400-1600mm	361-64	56-64"
361-1800A	1600-1800mm	361-72	64-72"
361-2000A	1800-2000mm	361-80	72-80"
361-2200A	2000-2200mm	361-88	80-88"
361-2400A	2200-2400mm	361-96	88-96"
361-2600A	2400-2600mm	361-104	96-104"
361-2800A	2600-2800mm	361-112	104-112"
361-3000A	2800-3000mm	361-120	112-120"

■ Micrometer with interchangeable anvils

- ☐ Carbide measuring faces
- ☐ Fine cast frame
- ☐ Resolution: 0.01mm(metric); 0.0001"(inch)



Model No.	Range	Model No.	Range
362-50D	0-50mm	362-2	0-2"
362-100DA	50-100mm	362-4A	2-4"
362-100DB	0-100mm	362-4B	0-4"
362-200D	100-200mm	362-8	4-8"
362-300D	200-300mm	362-12	8-12"
362-150D	0-150mm	362-6	0-6"
362-300D	150-300mm	362-12	6-12"

- ☐ Steel-plate frame
- ☐ Carbide measuring faces
- ☐ Resolution: 0.01mm(metric); 0.0001"(inch)

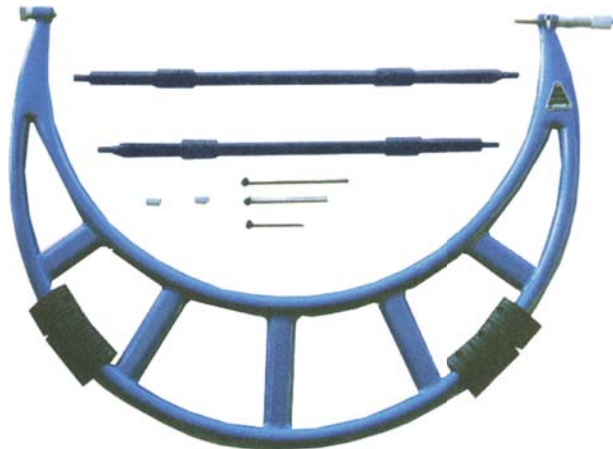


Model No.	Range	Model No.	Range
363-50A	0-50mm	363-2	0-2"
363-100A	50-100mm	363-4A	2-4"
363-100Aa	0-100mm	363-4B	0-4"
363-200A	100-200mm	363-8	4-8"
363-300A	200-300mm	363-12	8-12"

■ Micrometer with interchangeable anvils

- ☐ Carbide measuring faces
- ☐ Resolution: 0.01mm(metric); 0.001"(inch)
- ☐ Pipe combined frame for light weight and high rigidity

Model No.	Range	Model No.	Range
364-400G	300-400mm/12-16"	364-16	12-16"
364-500G	400-500mm/16-20"	364-20	16-20"
364-600G	500-600mm/20-24"	364-24	20-24"
364-700G	600-700mm/24-28"	364-28	24-28"
364-800G	700-800mm/28-32"	364-32	28-32"
364-900G	800-900mm/32-36"	364-36	32-36"
364-1000G	900-1000mm/36-40"	364-40	36-40"
364-150G	0-150mm/0-6"	364-6	0-6"
364-300G	150-300mm/6-12"	364-12	6-12"
364-450G	300-450mm/12-18"	364-18	12-18"
364-600G	450-600mm/18-24"	364-24	18-24"
364-750G	600-750mm/24-30"	364-30	24-30"
364-900G	750-900mm/30-36"	364-36	30-36"
364-1050G	900-1050mm/36-42"	364-42	36-42"



■ Outside micrometer for DIY market

- ☐ Carbide measuring face
- ☐ Resolution: 0.01mm(metric); 0.001"(inch)
- ☐ Ratched stop
- ☐ Painted frame

Model No.	Range	Model No.	Range
378-25	0-25mm	378-1	0-1"
378-50	25-50mm	378-2	1-2"
378-75	50-75mm	378-3	2-3"
378-100	75-100mm	378-4	3-4"
378-125	100-125mm	378-5	4-5"
378-150	125-150mm	378-6	5-6"
378-175	150-175mm	378-7	6-7"
378-200	175-200mm	378-8	7-8"



■ Outside micrometer for DIY market

- ☐ Carbide measuring face
- ☐ Ratched stop
- ☐ Painted frame
- ☐ Resolution: 0.01mm(metric); 0.001"(inch)

Model No.	Range	Model No.	Range
385-25	0-25mm/0-1"	385-1	0-1"
385-50	25-50mm/1-2"	385-2	1-2"
385-75	50-75mm/2-3"	385-3	2-3"
385-100	75-100mm/3-4"	385-4	3-4"



Outside micrometer for DIY market

- ☐

Carbide measuring face
- ☐

Ratched stop
- ☐

Painted frame
- ☐

Resolution: 0.01mm(metric); 0.001"(inch)



Model No.	Range	Model No.	Range
390-25	0-25mm	390-1	0-1"
390-50	25-50mm	390-2	1-2"
390-75	50-75mm	390-3	2-3"
390-100	75-100mm	390-4	3-4"
390-125	100-125mm	390-5	4-5"
390-150	125-150mm	390-6	5-6"

Model No.	Range	Model No.	Range
390-175	150-175mm	390-7	6-7"
390-200	175-200mm	390-8	7-8"
390-225	200-225mm	390-9	8-9"
390-250	225-250mm	390-10	9-10"
390-275	250-275mm	390-11	10-11"
390-300	275-300mm	390-12	11-12"

Inside micrometer

- ☐

The combining of extension rods provides awide measuring range
- ☐

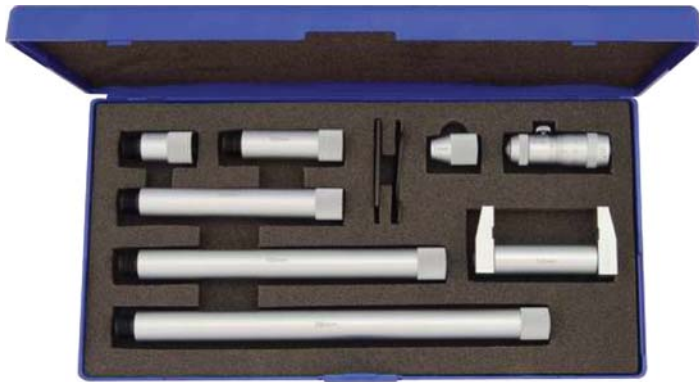
Supplied with a standard caliper gage for zero setting
- ☐

Accuracy:metric (3+n+1/50) μm, inch [0.00005(3+n+1/2)]"(n=number of rod, l=maximum measuring length)
- ☐

Resolution:0.01mm;0.001"
- ☐

Carbide measuring faces
- ☐

Diameter of extension rods: φ15.5mm



Model No.	Range	Extension rods
231A-63	50-63mm	Micrometer head
231A-100	50-100mm	13mm,25mm
231A-150	50-150mm	13mm,25mm,50mm
231A-300	50-300mm	13mm,25mm,50mm(2pcs),100mm
231A-500	50-500mm	13mm,25mm,50mm(2pcs),100mm,200mm
231A-1000	50-1000mm	13mm,25mm,50mm,100mm(2pcs),150mm,200mm,300mm
231A-1500	50-1500mm	13mm,25mm,50mm,100mm(2pcs),150mm,200mm(2pcs),300mm(2pcs)
231A-75	50-75mm	13mm
231A-175	50-175mm	13mm,25mm(2pcs),50mm
231A-250	50-250mm	13mm,25mm,50mm,100mm
231A-600	50-600mm	13mm,25mm,50mm,100mm,150mm,200mm

Model No.	Range	Extension rods
231A-2.5	2-2.5"	Micrometer head
231A-4	2-4"	0.5",1"
231A-6	2-6"	0.5",1",2"
231A-12	2-12"	0.5",1",2"(2pcs),4"
231A-20	2-20"	0.5",1",2"(2pcs),4",8"
231A-40	2-40"	0.5",1",2",4"(2pcs),6",8",12"
231A-60	2-60"	0.5",1",2",4"(2pcs),6",8"(2pcs),12"(2pcs)
231A-300	2-3"	0.5"
231A-75	2-7"	0.5",1"(2pcs),2"
231A-10	2-10"	0.5",1",2",4"
231A-24	2-24"	0.5",1",2",4",6",8"

Inside micrometer

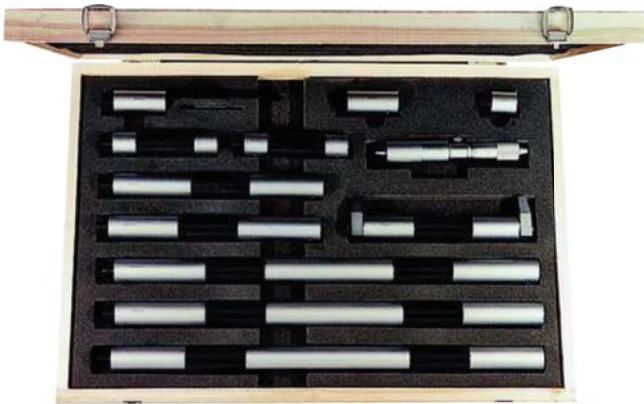
- ☐

Resolution:0.01mm;0.001"
- ☐

Carbide measuring faces
- ☐

Diameter of extension rods: Φ22mm

Model No.	Range	Extension rods
235A-175	150-175mm	Micrometer head
235A-1400	150-1400mm	25mm,50mm(2pcs),100mm,200mm,400mm(2pcs)
235A-2000	150-2000mm	25mm,50mm(2pcs),100mm,200mm(2pcs),400mm(3pcs)
235A-2100	150-2100mm	25mm,50mm(2pcs),100mm(2pcs),200mm(2pcs),400mm(3pcs)
235A-7	6-7"	Micrometer head
235A-56	6-56"	1",2"(2pcs),4",8",16"(2pcs)
235A-80	6-80"	1",2"(2pcs),4",8"(2pcs),16"(3pcs)
235A-84	6-84"	1",2"(2pcs),4"(2pcs),8"(2pcs),16"(3pcs)



Inside micrometer

- ☐

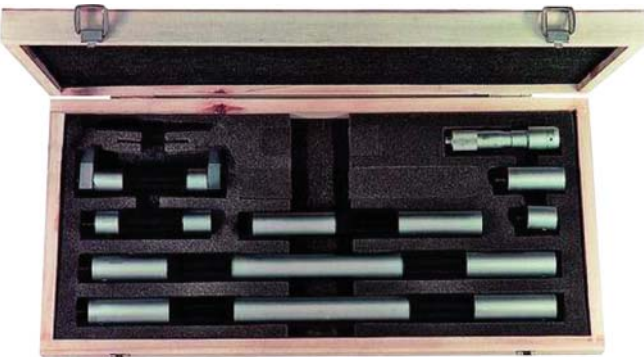
Resolution:0.01mm;0.001"
- ☐

Carbide measuring faces
- ☐

Diameter of extension rods: φ22mm
- ☐

Travel of micrometer head:25mm/1"

Model No.	Range	Extension rods
236-125	100-125mm	Micrometer head
236-500	100-500mm	25mm,50mm,100mm,200mm
236-900	100-900mm	25mm,50mm,100mm,200mm,400mm
236-1300	100-1300mm	25mm,50mm,100mm,200mm,400mm(2pcs)
236-1700	100-1700mm	25mm,50mm,100mm,200mm,400mm(3pcs)
236-2100	100-2100mm	25mm,50mm,100mm,200mm,400mm(4pcs)
236-5	4-5"	Micrometer head
236-20	4-20"	1",2",4",8"
236-36	4-36"	1",2",4",8",16"
236-52	4-52"	1",2",4",8",16"(2pcs)
236-68	4-68"	1",2",4",8",16"(3pcs)
236-84	4-84"	1",2",4",8",16"(4pcs)



Inside micrometer

- ☐

Resolution:0.01mm;0.001"
- ☐

Carbide measuring faces
- ☐

Diameter of extension rods: φ28mm
- ☐

Travel of micrometer head:50mm/2"

Model No.	Range	Extension rods
237-1050	1000-1050mm	Micrometer head
237-2000	1000-2000mm	50mm,100mm(2pcs),200mm,500mm
237-3000	1000-3000mm	50mm,100mm(2pcs),200mm,500mm,1000mm
237-4000	1000-4000mm	50mm,100mm(2pcs),200mm,500mm,1000mm(2pcs)
237-5000	1000-5000mm	50mm,100mm(2pcs),200mm,500mm,1000mm(3pcs)



Model No.	Range	Extension rods
237-42	40-42"	Micrometer head
237-80	40-80"	2",4"(2pcs),8",20"
237-120	40-120"	2",4"(2pcs),8",20",40"
237-160	40-160"	2",4"(2pcs),8",20",40"(2pcs)
237-200	40-200"	2",4"(2pcs),8",20",40"(3pcs)

Caliper type electronic inside micrometer

- Resolution:0.001mm/0.00005"
- Carbide tips(stainless steel tips are optional)
- Ratchet friction thimble
- Only micrometers 5-30mm/0.2-1.2" and 25-50mm/1-2" are supplied with standard rings

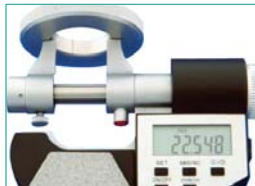
Model No.	Range
238-30	5-30mm/0.2-1.2"
238-50	25-50mm/1-2"
238-75	50-75mm/2-3"
238-100	75-100mm/3-4"
238-125	100-125mm/4-5"
238-150	125-150mm/5-6"
238-175	150-175mm/6-7"
238-200	175-200mm/7-8"



Caliper type inside micrometer

- Only micrometers 5-30mm/0.2-1.2" and 25-50mm/1-2" are supplied with standard rings
- Graduation:0.01mm/0.001"
- Carbide tips(stainless steel tips are optional)
- Ratchet stop, spindle lock, with zero adjusting wrench

Model No.	Range	Model No.	Range
232A-30B	5-30mm	232A-1.2	0.2-1.2"
232A-50B	25-50mm	232A-2	1-2"
232A-75B	50-75mm	232A-3	2-3"
232A-100B	75-100mm	232A-4	3-4"
232A-125B	100-125mm	232A-5	4-5"
232A-150B	125-150mm	232A-6	5-6"
232A-175B	150-175mm	232A-7	6-7"
232A-200B	175-200mm	232A-8	7-8"



Caliper type inside micrometer for DIY market

- Graduation:0.01mm/0.001"
- Carbide tips
- Ratchet stop

Model No.	Range
233A-30A	5-30mm/0-1"
233A-50A	25-50mm/1-2"
233A-75A	50-75mm/2-3"
233A-100A	75-100mm/3-4"



Three-point internal micrometer

- Self-centering 3-point for accurate measurement of internal diameters.
Measurement can be taken closer to the bottom of the blind bore and can be taken into a deep hole with an extension rod.
- Carbide-tipped contact points
- Resolution: 0.001mm/0.0001"

Model No.	Range	Setting rings
343-2.5	2-2.5mm	Φ2.5mm
343-3	2.5-3mm	Φ2.5mm
343-4	3-4mm	Φ4mm
343-5	4-5mm	Φ5mm
343-6	5-6mm	Φ6mm
343-0.1	0.08-0.1"	Φ0.16"
343-0.12	0.1-0.12"	Φ0.1"
343-0.16	0.12-0.16"	Φ0.1"
343-0.2	0.16-0.2"	Φ0.16"
343-0.24	0.2-0.24"	Φ0.24"
343-0.28	0.24-0.28"	Φ0.24"



Three-point internal micrometer

- Self-centering 3-point for accurate measurement of internal diameters.
Measurement can be taken closer to the bottom of the blind bore and can be taken into a deep hole with an extension rod.
- Range6-12mm/0.275-0.5" without carbide-tipped contact points
- Over 12mm/0.5": Titanium-plated anvils optional
- Resolution: 0.005mm/0.0002"



Model No.	Range	Setting rings	Extension rods
343-8	6-8mm	Φ6mm	100mm
343-10	8-10mm	Φ8mm	100mm
343-12	10-12mm	Φ10mm	100mm
343-16	12-16mm	Φ16mm	150mm
343-20	16-20mm	Φ16mm	150mm
343-25	20-25mm	Φ25mm	150mm
343-30	25-30mm	Φ25mm	150mm
343-40	30-40mm	Φ40mm	150mm
343-50	40-50mm	Φ40mm	150mm
343-63	50-63mm	Φ62mm	150mm
343-75	62-75mm	Φ62mm	150mm
343-88	75-88mm	Φ87mm	150mm
343-100	87-100mm	Φ87mm	150mm

Model No.	Range	Setting rings	Extension rods
343B-0.35	0.275-0.35"	Φ0.275"	4"
343B-0.425	0.35-0.42"	Φ0.35"	4"
343B-0.5	0.425-0.5"	Φ0.5"	4"
343B-0.65	0.5-0.65"	Φ0.65"	6"
343B-0.8	0.65-0.8"	Φ0.65"	6"
343B-1	0.8-1"	Φ1"	6"
343B-1.2	1-1.2"	Φ1"	6"
343B-1.6	1.2-1.6"	Φ1.6"	6"
343B-2	1.6-2"	Φ1.6"	6"
343B-2.5	2-2.5"	Φ2.5"	6"
343B-3	2.5-3"	Φ2.5"	6"
343B-3.5	3-3.5"	Φ3.5"	6"
343B-4	3.5-4"	Φ3.5"	6"

■ Three-point internal micrometer

- ☐ Over 100mm/4": setting rings optional
- ☐ Over 100mm/4": measuring heads are ratchet stop
- ☐ Aluminium body



Model No.	Range	Setting rings	Extension rods
344-63	50-63mm	Φ62mm	150mm
344-75	62-75mm	Φ62mm	150mm
344-88	75-88mm	Φ87mm	150mm
344-100	87-100mm	Φ87mm	150mm
344-125	100-125mm	Φ112.5mm	150mm
344-150	125-150mm	Φ137.5mm	150mm
344-175	150-175mm	Φ162.5mm	150mm
344-200	175-200mm	Φ187.5mm	150mm
344-225	200-225mm	Φ212.5mm	150mm
344-250	225-250mm	Φ237.5mm	150mm
344-275	250-275mm	Φ262.5mm	150mm
344-300	275-300mm	Φ287.5mm	150mm

Model No.	Range	Setting rings	Extension rods
344-2.5	2-2.5"	Φ2.5"	6"
344-3	2.5-3"	Φ2.5"	6"
344-3.5	3-3.5"	Φ3.5"	6"
344-4	3.5-4"	Φ3.5"	6"
344-5	4-5"	Φ4.5"	6"
344-6	5-6"	Φ5.5"	6"
344-7	6-7"	Φ6.5"	6"
344-8	7-8"	Φ7.5"	6"
344-9	8-9"	Φ8.5"	6"
344-10	9-10"	Φ9.5"	6"
344-11	10-11"	Φ10.5"	6"
344-12	11-12"	Φ11.5"	6"

■ Three-point internal micrometer sets



Model No.	Range	Individual range	Setting rings	Extension rods
343-000	2-3mm	2-2.5, 2.5-3mm	Φ2.5mm	
343-001	3-6mm	3-4, 4-5, 5-6mm	Φ4, 5, 6mm	
343-002	6-12mm	6-8, 8-10, 10-12mm	Φ6, 8, 10mm	100mm
343-003	12-20mm	12-16, 16-20mm	Φ16mm	150mm
343-40	20-40mm	20-25mm, 25-30mm, 30-40mm		
343-004	20-50mm	20-25, 25-30, 30-40, 40-50mm	Φ25, 40mm	150mm
343-100	40-100mm	40-50mm, 50-63mm, 62-75mm, 75-88mm, 87-100mm	Φ40mm, 62, 87mm	150mm
343-005	50-100mm	50-63, 62-75, 75-88, 87-100mm	Φ62, 87mm	150mm
343-0.12	0.08-0.12"	0.08-0.1", 0.1-0.12"	Φ0.1"	
343-006	0.12-0.28"	0.12-0.16", 0.16-0.2", 0.2-0.24", 0.24-0.28"	Φ0.16", 0.24"	
343-007	0.275-0.5"	0.275-0.35", 0.35-0.425", 0.425-0.5"	Φ0.275", 0.35", 0.5"	4"
343-008	0.5-0.8"	0.5-0.65", 0.65-0.8"	Φ0.65"	6"
343-009	0.8-2"	0.8-1", 1-1.2", 1.2-1.6", 1.6-2"	Φ1", 1.6"	6"
343-010	2-4"	2-2.5", 2.5-3", 3-3.5", 3.5-4"	Φ2.5", 3.5"	6"

■ Electronic three-point internal micrometer

- ☐ Carbide-tipped contact points
- ☐ Protection level IP54.
- ☐ RS232 data output.

Model No.	Range	Setting rings
341-2.5	2-2.5mm/0.08-0.1"	Φ2.5mm/0.1"
341-3	2.5-3mm/0.1-0.12"	Φ2.5mm/0.1"
341-4	3-4mm/0.12-0.16"	Φ4mm/0.16"
341-5	4-5mm/0.16-0.2"	Φ5mm/0.16"
341-6	5-6mm/0.2-0.24"	Φ6mm/0.24"



■ Electronic three-point internal micrometer

- ☐ Range 6-12mm/0.275-0.5" without carbide-tipped contact points
- ☐ Over 12mm/0.5": Titanium-plated anvils optional
- ☐ Resolution: 0.001mm/0.00005"
- ☐ Protection level IP54.



Model No.	Range	Setting rings	Extension rods
341-8	6-8mm/0.275-0.35"	Φ6mm/0.275"	100mm/4"
341-10	8-10mm/0.35-0.425"	Φ8mm/0.35"	100mm/4"
341-12	10-12mm/0.425-0.5"	Φ10mm/0.5"	100mm/4"
341-16	12-16mm/0.5-0.65"	Φ16mm/0.65"	150mm/6"
341-20	16-20mm/0.65-0.8"	Φ16mm/0.65"	150mm/6"
341-25	20-25mm/0.8-1"	Φ25mm/1"	150mm/6"
341-30	25-30mm/1-1.2"	Φ25mm/1"	150mm/6"

Model No.	Range	Setting rings	Extension rods
341-40	30-40mm/1.2-1.6"	Φ40mm/1.6"	150mm/6"
341-50	40-50mm/1.6-2"	Φ40mm/1.6"	150mm/6"
341-63	50-63mm/2-2.5"	Φ62mm/2.5"	150mm/6"
341-75	62-75mm/2.5-3"	Φ62mm/2.5"	150mm/6"
341-88	75-88mm/3-3.5"	Φ87mm/3.5"	150mm/6"
341-100	87-100mm/3.5-4"	Φ87mm/3.5"	150mm/6"

■ Electronic three-point internal micrometer

- ☐ Over 100mm/4": setting rings optional
- ☐ Over 100mm/4": measuring heads are ratchet stop
- ☐ Aluminium body
- ☐ Protection level IP54.
- ☐ RS232 data output.



Model No.	Range	Setting rings	Extension rods
341-63	50-63mm/2-2.5"	Φ62mm/2.5"	150mm/6"
341-75	62-75mm/2.5-3"	Φ62mm/2.5"	150mm/6"
341-88	75-88mm/3-3.5"	Φ87mm/3.5"	150mm/6"
341-100	87-100mm/3.5-4"	Φ87mm/3.5"	150mm/6"
341-125	100-125mm/4-5"	Φ112.5mm/4.5"	150mm/6"
341-150	125-150mm/5-6"	Φ137.5mm/5.5"	150mm/6"

Model No.	Range	Setting rings	Extension rods
341-175	150-175mm/6-7"	Φ162.5mm/6.5"	150mm/6"
341-200	175-200mm/7-8"	Φ187.5mm/7.5"	150mm/6"
341-225	200-225mm/8-9"	Φ212.5mm/8.5"	150mm/6"
341-250	225-250mm/9-10"	Φ237.5mm/9.5"	150mm/6"
341-275	250-275mm/10-11"	Φ262.5mm/10.5"	150mm/6"
341-300	275-300mm/11-12"	Φ287.5mm/11.5"	150mm/6"

Electronic three-point internal micrometer set



Model No.	Range	Individual range	Setting rings	Extension rods
341-000	2-3mm	2-2.5, 2.5-3mm	Φ2.5mm	
341-001	3-6mm	3-4, 4-5, 5-6mm	Φ4, 5, 6mm	
341-002	6-12mm	6-8, 8-10, 10-12mm	Φ6, 8, 10mm	100mm
341-003	12-20mm	12-16, 16-20mm	Φ16mm	150mm
341-40	20-40mm	20-25mm, 25-30mm/30-40mm	Φ25, 40mm	150mm
341-004	20-50mm	20-25, 25-30, 30-40, 40-50mm	Φ25, 40mm	150mm
341-100	40-100mm	40-50, 50-63, 62-75, 75-88, 87-100mm	Φ40, 62, 87mm	150mm
341-005	50-100mm	50-63, 62-75, 75-88, 87-100mm	Φ62, 87mm	150mm
341-0.12	0.08-0.12"	0.08-0.1", 0.1-0.12"	Φ0.1"	
341-006	0.12-0.28"	0.12-0.16", 0.16-0.2", 0.2-0.24", 0.24-0.28"	Φ0.16", 0.24"	
341-007	0.275-0.5"	0.275-0.35", 0.35-0.425", 0.425-0.5"	Φ0.275", 0.35", 0.5"	4"
341-008	0.5-0.8"	0.5-0.65", 0.65-0.8"	Φ0.275", 0.35", 0.5"	4"
341-1.6	0.8-1.6"	0.8-1", 1-1.2", 1.2-1.6"	Φ0.65"	6"
341-009	0.8-2"	0.8-1", 1-1.2", 1.2-1.6", 1.6-2"	Φ1", 1.6"	6"
341-4	1.6-4"	1.6-2", 2-2.5", 2.5-3", 3-3.5", 3.5-4"	Φ1", 1.6"	6"
341-010	2-4"	2-2.5", 2.5-3", 3-3.5", 3.5-4"	Φ1.6, 2.5", 3.5"	6"

Pistol-grip three-point bore gauge

- ☐ Self-centering 3-point for accurate measurement of internal diameters. Measurement can be taken closer to the bottom of the blind bore and can be taken into a deep hole with an extension rod
- ☐ Carbide-tipped contact points
- ☐ Single-hand operation, right-and left-hand viewing flexibility
- ☐ Supplied with setting rings for zero adjust (over 100mm/4", setting ring optional)
- ☐ Dial indicator is optional
- ☐ Fixing dimension of dial indicator: Φ8mm or 3/8" (Φ9.525mm)



Model No.	Range	Setting rings	Depth
344-8	6-8mm/0.275-0.35"	Φ6mm/0.275"	50mm/2"
344-10	8-10mm/0.35-0.425"	Φ8mm/0.35"	50mm/2"
344-12	10-12mm/0.425-0.5"	Φ10mm/0.5"	50mm/2"
344-16	12-16mm/0.5-0.65"	Φ16mm/0.65"	65mm/2.6"
344-20	16-20mm/0.65-0.8"	Φ16mm/0.65"	65mm/2.6"
344-25	20-25mm/0.8-1"	Φ25mm/1"	91mm/3.64"
344-30	25-30mm/1-1.2"	Φ25mm/1"	91mm/3.64"
344-40	30-40mm/1.2-1.6"	Φ40mm/1.6"	97mm/3.88"
344-50	40-50mm/1.6-2"	Φ40mm/1.6"	97mm/3.88"
344-63	50-63mm/2-2.5"	Φ62mm/2.5"	112mm/4.48"
344-75	62-75mm/2.5-3"	Φ62mm/2.5"	112mm/4.48"
344-88	75-88mm/3-3.5"	Φ87mm/3.5"	112mm/4.48"
344-100	87-100mm/3.5-4"	Φ87mm/3.5"	112mm/4.48"
344-125	100-125mm/4-5"	Φ112.5mm/4.5"	130mm/5.2"
344-150	125-150mm/5-6"	Φ137.5mm/5.5"	130mm/5.2"
344-175	150-175mm/6-7"	Φ162.5mm/6.5"	130mm/5.2"
344-200	175-200mm/7-8"	Φ187.5mm/7.5"	130mm/5.2"
344-225	200-225mm/8-9"	Φ212.5mm/8.5"	130mm/5.2"
344-250	225-250mm/9-10"	Φ237.5mm/9.5"	130mm/5.2"
344-275	250-275mm/10-11"	Φ262.5mm/10.5"	130mm/5.2"
344-300	275-300mm/11-12"	Φ287.5mm/11.5"	130mm/5.2"

Pistol-grip three-point bore gauge set

Model No.	Range	Individual range	Setting rings	Extension rods
344-002	6-12mm	6-8, 8-10, 10-12mm	Φ6, 8, 10mm	100mm
344-003	12-20mm	12-16, 16-20mm	Φ16mm	150mm
344-004	20-50mm	20-25, 25-30, 30-40, 40-50mm	Φ25, 40mm	150mm
344-005	50-100mm	50-63, 62-75, 75-88, 87-100mm	Φ62, 87mm	150mm
344-007	0.275-0.5"	0.275-0.35", 0.35-0.425", 0.425-0.5"	Φ0.275", 0.35", 0.5"	4"
344-008	0.5-0.8"	0.5-0.65", 0.65-0.8"	Φ0.65"	6"
344-009	0.8-2"	0.8-1", 1-1.2", 1.2-1.6", 1.6-2"	Φ1", 1.6"	6"
344-010	2-4"	2-2.5", 2.5-3", 3-3.5", 3.5-4"	Φ2.5", 3.5"	6"



Limit micrometer

- ☐ Can be used as GO/NG gage by setting the upper and lower limits
- ☐ Carbide measuring faces, painted frame
- ☐ Resolution: 0.002mm/0.0001"

Model No.	Range	Model No.	Range
221A-25A	0-25mm	221A-25B	0-1"
221A-50A	25-50mm	221A-50B	1-2"



Indicator snap micrometer

- ☐ Protection level IP54
- ☐ Direct GO/NG judgment for mass-produced parts
- ☐ Indicator range: +0.04mm/+0.0015"
- ☐ Indicator resolution: 0.001mm/0.0005"

Model No.	Range	Model No.	Range
228C-25	0-25mm	228C-1	0-1"
228C-50	25-50mm	228C-2	1-2"
228C-75	50-75mm	228C-3	2-3"
228C-100	75-100mm	228C-4	3-4"



Indicator snap micrometer

- ☐ Retractable anvil with an indicator for precision measurement of mass-produced parts
- ☐ Micrometer accuracy: 0.003mm/0.00012"
- ☐ Indicator accuracy: 0.001mm/0.00005"

Model No.	Range	Model No.	Range
228A-25A	0-25mm	228A-1	0-1"
228A-50A	25-50mm	228A-2	1-2"
228A-75A	50-75mm	228A-3	2-3"
228A-100A	75-100mm	228A-4	3-4"
228B-25A	0-25mm	228B-1	0-1"



Single point micrometer

- ☐ Pointed spindle and anvil for measuring drills, grooves and hard-to-reach dimensions
- ☐ Flat or blade anvil for single point micrometers for measuring the height of crimp contacts
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
229C-25A	0-25mm	229C-1	0-1"
229C-50A	25-50mm	229C-2	1-2"
229C-75A	50-75mm	229C-3	2-3"
229C-100A	75-100mm	229C-4	3-4"

Single point electronic micrometer

- ☐ Carbide-tipped measuring faces
- ☐ Chrome-plated frame
- ☐ IP54 protection level
- ☐ RS232 output
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range
229CE-25	0-25mm/0-1"
229CE-50	25-50mm/1-2"
229CE-75	50-75mm/2-3"
229CE-100	75-100mm/3-4"

Point micrometer

- ☐ Painted frame
- ☐ Resolution:0.01mm/0.0001"
- ☐ Pointed spindle and anvil for measuring drills, grooves and hard-to-reach dimensions



Model No.	Range	Model No.	Range
229A-25A	0-25mm	229A-1	0-1"
229A-50A	25-50mm	229A-2	1-2"
229A-75A	50-75mm	229A-3	2-3"
229A-100A	75-100mm	229A-4	3-4"

Point electronic micrometer

- ☐ Carbide-tipped measuring faces
- ☐ Chrome-plated frame
- ☐ IP54 protection level
- ☐ RS232 output
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range
229AE-25	0-25mm/0-1"
229AE-50	25-50mm/1-2"
229AE-75	50-75mm/2-3"
229AE-100	75-100mm/3-4"

Tube micrometer

- ☐ For measuring wall thickness of various tubes
- ☐ Carbide-tipped measuring face
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
232A-25A	0-25mm	232A-1	0-1"
232A-50A	25-50mm	232A-2	1-2"

Tube electronic micrometer

- ☐ For measuring wall thickness of various tubes
- ☐ Resolution:0.001mm/0.00005"
- ☐ Chrome plated frame
- ☐ IP54 protection level



Model No.	Range
232AE-25	0-25mm/0-1"
232AE-50	25-50mm/1-2"

Tube micrometer

- ☐ For measuring wall thickness of various tubes
- ☐ Carbide-tipped measuring face
- ☐ Painted frame
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
232E-25	0-25mm	232E-1	0-1"
232E-50	25-50mm	232E-2	1-2"
232E-75	50-75mm	232E-3	2-3"
232E-100	75-100mm	232E-4	3-4"

Tube electronic micrometer

- ☐ For measuring wall thickness of various tubes
- ☐ Chrome plated frame
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range
232EA-25	0-25mm/0-1"
232EA-50	25-50mm/1-2"
232EA-75	50-75mm/2-3"
232EA-100	75-100mm/3-4"

Disk micrometer

- ☐ Disk measuring faces or measuring gears and paper thickness
- ☐ Painted frame
- ☐ Ratchet stop
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
227F-25	0-25mm	227F-1	0-1"
227F-50	25-50mm	227F-2	1"-2"
227F-75	50-75mm	227F-3	2"-3"
227F-100	75-100mm	227F-4	3"-4"

Model No.	Range	Model No.	Range
227F-125	100-125mm	227F-5	4-5"
227F-150	125-150mm	227F-6	5-6"
227F-175	150-175mm	227F-7	6-7"
227F-200	175-200mm	227F-8	7-8"

Disk electronic micrometer

- ☐ Disk measuring faces or measuring gears and paper thickness
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range	Model No.	Range
227FE-25	0-25mm/0-1"	227FE-125	100-125mm/4-5"
227FE-50	25-50mm/1-2"	227FE-150	125-150mm/5-6"
227FE-75	50-75mm/2-3"	227FE-175	150-175mm/6-7"
227FE-100	75-100mm/3-4"	227FE-200	175-200mm/7-8"

Disk micrometer

- ☐ Non-rotating spindle
- ☐ Resolution:0.01mm/0.0001"
- ☐ Disk measuring faces or measuring gears and paper thickness
- ☐ Large disk measuring faces :disk diameter:60mm



Model No.	Range	Model No.	Range
227G-25	0-25mm	227G-1	0-1"
227G-50	25-50mm	227G-2	1"-2"
227G-75	50-75mm	227G-3	2"-3"
227G-100	75-100mm	227G-4	3"-4"

Small measuring faces micrometer

- ☐ Small measuring faces for measuring splined shafts, slots and keyways
- ☐ Carbide-tipped measuring faces
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
222A-25	0-25mm	222A-1	0-1"
222A-50	25-50mm	222A-2	1"-2"
222A-75	50-75mm	222A-3	2"-3"
222A-100	75-100mm	222A-4	3"-4"
222A-125	100-125mm	222A-5	4-5"
222A-150	125-150mm	222A-6	5-6"
222A-175	150-175mm	222A-7	6-7"

Small measuring faces electronic micrometer

- ☐ Carbide-tipped measuring faces
- ☐ Chrome plated frame
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range
222AE-25	0-25mm/0-1"
222AE-50	25-50mm/1-2"
222AE-75	50-75mm/2-3"
222AE-100	75-100mm/3-4"
222AE-125	100-125mm/4-5"
222AE-150	125-150mm/5-6"
222AE-175	150-175mm/6-7"

Jaw type micrometer

- ☐ Jaw type measuring face
- ☐ Non-rotating spindle
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
241-25	0-25mm	241-1	0-1"
241-50	25-50mm	241-2	1"-2"
241-75	50-75mm	241-3	2"-3"
241-100	75-100mm	241-4	3"-4"
241-125	100-125mm	241-5	4-5"
241-150	125-150mm	241-6	5-6"
241-175	150-175mm	241-7	6-7"
241-200	175-200mm	241-8	7-8"

Jaw type electronic micrometer

- ☐ Jaw type measuring face
- ☐ Non-rotating spindle
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range
241AE-25	0-25mm/0-1"
241AE-50	25-50mm/1-2"
241AE-75	50-75mm/2-3"
241AE-100	75-100mm/3-4"
241AE-125	100-125mm/4-5"
241AE-150	125-150mm/5-6"
241AE-175	150-175mm/6-7"
241AE-200	175-200mm/7-8"

Blade micrometer

- ☐ Blade measuring faces and non-rotating spindle
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
224A-25	0-25mm	224A-1	0-1"
224A-50	25-50mm	224A-2	1"-2"
224A-75	50-75mm	224A-3	2"-3"
224A-100	75-100mm	224A-4	3"-4"
224A-125	100-125mm	224A-5	4-5"
224A-150	125-150mm	224A-6	5-6"
224A-175	150-175mm	224A-7	6-7"

Sheet metal micrometer

- ☐ Carbide measuring face
- ☐ Resolution:0.01mm/0.0001"
- ☐ A dial is attached to the sleeve for making easy and quick reading of sheet metal thickness

Model No.	Range	Model No.	Range
231A-15A	0-15mm	231A-0.6	0-0.6"
231A-25A	0-25mm	231A-1	0-1"
231A-50A	0-50mm	231A-2	0-2"



Deep throat micrometer

- ☐ Deep throat frame for measuring thickness of sheet metal, paper and sheet plastic.
- ☐ Painted frame
- ☐ Carbide measuring face
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range	Throat depth
242A-25	0-25mm	242A-1	0-1"	50mm
242A-50	25-50mm	242A-2	1"-2"	50mm
242B-25	0-25mm	242B-1	0-1"	100mm
242B-50	25-50mm	242B-2	1"-2"	100mm
242C-25	0-25mm	242C-1	0-1"	150mm
242C-50	25-50mm	242C-2	1"-2"	150mm
242D-25	0-25mm	242D-1	0-1"	300mm
242D-50	25-50mm	242D-2	1"-2"	300mm

Blade electronic micrometer

- ☐ Chrome-plated frame
- ☐ Resolution:0.001mm/0.00005"
- ☐ Blade measuring faces and non-rotating spindle
- ☐ IP54 protection level



Model No.	Range
224AE-25	0-25mm/0-1"
224AE-50	25-50mm/1-2"
224AE-75	50-75mm/2-3"
224AE-100	75-100mm/3-4"
224AE-125	100-125mm/4-5"
224AE-150	125-150mm/5-6"
224AE-175	150-175mm/6-7"

Deep throat electronic micrometer

- ☐ RS232 output
- ☐ Chrome-plated frame
- ☐ Resolution:0.001mm/0.00005"
- ☐ Carbide measuring face
- ☐ IP54 protection level



Model No.	Range	Throat depth
242AE-25	0-25mm/0-1"	50mm
242AE-50	25-50mm/1-2"	50mm
242BE-25	0-25mm/0-1"	100mm
242BE-50	25-50mm/1-2"	100mm
242CE-25	0-25mm/0-1"	150mm
242CE-50	25-50mm/1-2"	150mm
242DE-25	0-25mm/0-1"	300mm
242DE-50	25-50mm/1-2"	300mm

Uni-micrometer

- Measuring tube thickness, shoulder-edge distance, rivet head height, etc, with interchangeable anvils (flat anvil and rod anvil) and measuring step height.
- Chrome-plated frame
- Resolution: 0.01mm/0.0001"



Model No.	Range	Model No.	Range
233A-25A	0-25mm	233A-1	0-1"
233A-50A	25-50mm	233A-2	1"-2"

Electronic uni-micrometer

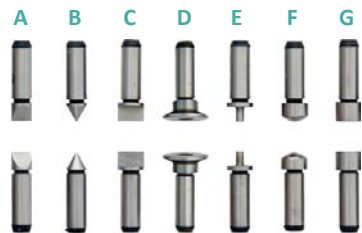
- Chrome-plated frame
- IP54 protection level
- Resolution: 0.001mm/0.00005"



Model No.	Range
233AE-25A	0-25mm
233AE-50A	25-50mm

Universal micrometer

- With 7 pairs of interchangeable anvils for a wide range of applications
- Painted frame
- Resolution: 0.01mm/0.0001"



Model No.	Range	Model No.	Range
234A-25A	0-25mm	234-1	0-1"
234A-50A	25-50mm	234-2	1"-2"
234A-75A	50-75mm	234-3	2"-3"
234A-100A	75-100mm	234-4	3"-4"

Model No.	Range	Model No.	Range
234A-125A	100-125mm	234-5	4-5"
234A-150A	125-150mm	234-6	5-6"
234A-175A	150-175mm	234-7	6-7"
234A-200A	175-200mm	234-8	7-8"

Universal electronic micrometer

- With 7 pairs of interchangeable anvils for a wide range of applications
- IP54 protection level
- RS232 output
- Chrome-plated frame
- Resolution: 0.001mm/0.00005"



Model No.	Range
234AE-25	0-25mm/0-1"
234AE-50	25-50mm/1-2"
234AE-75	50-75mm/2-3"
234AE-100	75-100mm/3-4"

Model No.	Range
234AE-125	100-125mm/4-5"
234AE-150	125-150mm/5-6"
234AE-175	150-175mm/6-7"
234AE-200	175-200mm/7-8"

Screw thread micrometer

- 60° or 55° V-shaped and cone-shaped anvils (interchangeable are optional)
- Dimension of anvil-tail: 5x15mm
- Resolution: 0.01mm/0.001"



Model No.	Range	Model No.	Range
230B-25A	0-25mm	230-1	0-1"
230B-50A	25-50mm	230-2	1"-2"
230B-75A	50-75mm	230-3	2"-3"
230B-100A	75-100mm	230-4	3"-4"

Model No.	Range	Model No.	Range
230B-125A	100-125mm	230-5	4-5"
230B-150A	125-150mm	230-6	5-6"
230B-175A	150-175mm	230-7	6-7"
230B-200A	175-200mm	230-8	7-8"

Screw thread electronic micrometer

- 60° or 55° V-shaped and cone-shaped anvils (interchangeable are optional)
- Dimension of anvil-tail: 5x15mm
- IP54 protection level
- Resolution: 0.001mm/0.00005"

V-shaped and cone-shaped anvils

230F0400

Metric	Whitworth screw (55° Thread)
230F0401	60-48TPI
230F0402	48-40TPI
230F0403	40-32TPI
230F0404	32-24TPI
230F0405	24-18TPI
230F0406	18-14TPI
230F0407	14-10TPI
230F0408	10-7TPI
230F0409	7-4.5TPI
230F0410	4.5-3.5TPI

230F0300

Metric	Unified screw (60° Thread)
230F0301	0.4-0.5mm/60-48TPI
230F0302	0.6-0.9mm/48-40TPI
230F0303	1-1.75mm/24-14TPI
230F0304	2-3mm/13-9TPI
230F0305	3.5-5mm/8-5TPI
230F0306	5.5-7mm/4.5-3.5TPI



Model No.	Range
230BE-25	0-25mm/0-1"
230BE-50	25-50mm/1-2"
230BE-75	50-75mm/2-3"
230BE-100	75-100mm/3-4"
230BE-125	100-125mm/4-5"
230BE-150	125-150mm/5-6"
230BE-175	150-175mm/6-7"
230BE-200	175-200mm/7-8"

Large anvil micrometer

- Large anvil for measuring tooth width of side milling cutter
- Painted frame
- Resolution: 0.01mm/0.0001"



Model No.	Range	Model No.	Range
243-25	0-25mm	235-1	0-1"
243-50	25-50mm	235-2	1"-2"

Large anvil electronic micrometer

- Large anvil for measuring tooth width of side milling cutter
- IP54 Protection level
- Chrome-plate frame
- Resolution: 0.001mm/0.00005"



Model No.	Range
243E-25	0-25mm/0-1"
243E-50	25-50mm/1-2"

V-anvil micrometer

- ☐ Measuring diameter of cylinder with an odd number flutes, such as taps, reams, end mills
- ☐ Carbide measuring faces
- ☐ Painted frame
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range	Flutes
235A-15A	0-15mm	235A-0.6	0.04-0.6"	3 Flutes
235A-20A	5-20mm	235A-0.8	0.2-0.8"	3 Flutes
235A-35A	20-35mm	235A-1.4	0.8-1.4"	3 Flutes
235A-50A	35-50mm	235A-2	1.4-2.0"	3 Flutes
235A-65A	50-65mm	235A-2.6	2.0-2.6"	3 Flutes
235A-80A	65-80mm	235A-3.2	2.6-3.2"	3 Flutes
235A-95A	80-95mm	235A-3.8	3.2-3.8"	3 Flutes
235A-25A	2.3-25mm	235A-1.4	0.09-1"	3 Flutes
235A-50B	25-50mm	235A-2B	1-2"	3 Flutes

Model No.	Range	Model No.	Range	Flutes
235B-25A	5-25mm	235B-1	0.2-1.0"	5 Flutes
235B-45A	25-45mm	235B-1.8	1.0-1.8"	5 Flutes
235B-65A	45-65mm	235B-2.6	1.8-2.6"	5 Flutes
235B-85A	65-85mm	235B-3.4	2.6-3.4"	5 Flutes
235B-105A	85-105mm	235B-4.2	3.4-4.2"	5 Flutes
235C-25A	5-25mm	235C-1	0.2-1.0"	7 Flutes
235C-45A	25-45mm	235C-1.8	1.0-1.8"	7 Flutes
235C-65A	45-65mm	235C-2.6	1.8-2.6"	7 Flutes
235C-85A	65-85mm	235C-3.4	2.6-3.4"	7 Flutes

V-anvil electronic micrometer

- ☐ Carbide measuring faces
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range	Model No.	Range	Flutes
235AE-15A	0-15mm	235A-0.6	0.04-0.6"	3 Flutes
235AE-20A	5-20mm	235A-0.8	0.2-0.8"	3 Flutes
235AE-35A	20-35mm	235A-1.4	0.8-1.4"	3 Flutes
235AE-50A	35-50mm	235A-2	1.4-2.0"	3 Flutes
235AE-65A	50-65mm	235A-2.6	2.0-2.6"	3 Flutes
235AE-80A	65-80mm	235A-3.2	2.6-3.2"	3 Flutes
235AE-95A	80-95mm	235A-3.8	3.2-3.8"	3 Flutes
235AE-25A	2.3-25mm	235A-1.4	0.09-1"	3 Flutes
235AE-50B	25-50mm	235A-2B	1-2"	3 Flutes

Model No.	Range	Model No.	Range	Flutes
235BE-25A	5-25mm	235B-1	0.2-1.0"	5 Flutes
235BE-45A	25-45mm	235B-1.8	1.0-1.8"	5 Flutes
235BE-65A	45-65mm	235B-2.6	1.8-2.6"	5 Flutes
235BE-85A	65-85mm	235B-3.4	2.6-3.4"	5 Flutes
235BE-105A	85-105mm	235B-4.2	3.4-4.2"	5 Flutes
235CE-25A	5-25mm	235C-1	0.2-1.0"	7 Flutes
235CE-45A	25-45mm	235C-1.8	1.0-1.8"	7 Flutes
235CE-65A	45-65mm	235C-2.6	1.8-2.6"	7 Flutes
235CE-85A	65-85mm	235C-3.4	2.6-3.4"	7 Flutes

Caliper type micrometer

- ☐ Carbide measuring faces
- ☐ Resolution:0.01mm/0.001"
- ☐ This outside micrometers enables the measuring of hard-to-reach parts



Model No.	Range	Model No.	Range
244-25	0-25mm	244-1	0-1"
244-50	25-50mm	244-2	1"-2"
244-75	50-75mm	244-3	2"-3"
244-100	75-100mm	244-4	3"-4"

Caliper type electronic micrometer

- ☐ Carbide measuring faces
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range
244E-25	0-25mm/0-1"
244E-50	25-50mm/1-2"
244E-75	50-75mm/2-3"
244E-100	75-100mm/3-4"

Gear root diameter micrometer

- ☐ Wide measuring range with adjustable anvil
- ☐ Pipe combined frame for light weight and high rigidity (range over 200mm/8")
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range	Point
249-100	5-100mm	249-4	0.4-4"	SR0.4mm
249-200	100-200mm	249-8	4-8"	SR0.5mm
249-300	200-300mm	249-12	8-12"	SR0.7mm
249-400	300-400mm	249-16	12-16"	SR0.7mm
249-500	400-500mm	249-20	16-20"	SR0.7mm
249-600	500-600mm	249-24	20-24"	SR0.7mm
249-700	600-700mm	249-28	24-28"	SR0.7mm
249-800	700-800mm	249-32	28-32"	SR0.7mm
249-900	800-900mm	249-36	32-36"	SR0.7mm

Gear micrometer

- ☐ Interchangeable ball tip for various gear modules(0.6-3.5) are optional
- ☐ Painted frame
- ☐ Resolution:0.01mm/0.001"

Model No.	Range	Model No.	Range
250-25	0-25mm	250-1	0-1"
250-50	25-50mm	250-2	1"-2"
250-75	50-75mm	250-3	2"-3"
250-100	75-100mm	250-4	3"-4"

Gear root diameter electronic micrometer

- ☐ Wide measuring range with adjustable anvil
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range	Point
249E-100	5-100mm/0.4-4"	SR0.4mm
249E-200	100-200mm/4-8"	SR0.5mm
249E-300	200-300mm/8-12"	SR0.7mm
249E-400	300-400mm/12-16"	SR0.7mm
249E-500	400-500mm/16-20"	SR0.7mm
249E-600	500-600mm/20-24"	SR0.7mm
249E-700	600-700mm/24-28"	SR0.7mm
249E-800	700-800mm/28-32"	SR0.7mm
249E-900	800-900mm/32-36"	SR0.7mm



Model No.	Range	Model No.	Range
250-125	100-125mm	250-5	4-5"
250-150	125-150mm	250-6	5-6"
250-175	150-175mm	250-7	6-7"

Gear electronic micrometer

- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range	Model No.	Range
250E-25	0-25mm/0-1"	250E-125	100-125mm/4-5"
250E-50	25-50mm/1-2"	250E-150	125-150mm/5-6"
250E-75	50-75mm/2-3"	250E-175	150-175mm/6-7"
250E-100	75-100mm/3-4"		

Interchangeable tips (optional)

Model No.	Ball dia	Module	Diametral Pitch
250F0701	1mm	0.6-0.65	45
250F0702	1.5mm	0.9-1	28-26
250F0703	2mm	1.25	22
250F0704	2.5mm	1.5	17
250F0705	3mm	1.75	15
250F0706	3.5mm	2	13
250F0707	4mm	2.25	11
250F0708	4.5mm	2.5	10
250F0709	5mm	2.75	9
250F0710	6mm	3.5	7
250F0700	sets		

Disc brake micrometer

- ☐ Painted frame, ratchet stop
- ☐ Resolution:0.01mm/0.0001"
- ☐ For measuring the depth of grooves on the disc brake systems
- ☐ Carbide tips



Model No.	Range	Model No.	Range
227A-33A	7.6-33mm	227A-0.3	0.3-1.3"
227A-50A	25-50mm	227A-2	1-2"

Disc brake electronic micrometer

- ☐ Painted frame, ratchet stop
- ☐ Carbide tips
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.00005"



Model No.	Range
227AE-33	7.6-33mm/0.3-1.3"
227AE-50	25-50mm/1-2"

Hub micrometer

- ☐ Measuring hub thickness and shoulders inside a bore
- ☐ Painted frame
- ☐ Resolution:0.01mm/0.0001"



Model No.	Range	Model No.	Range
245-25	0-25mm	245-1	0-1"
245-50	25-50mm	245-2	1"-2"
245-75	50-75mm	245-3	2"-3"
245-100	75-100mm	245-4	3"-4"

Hot sheet micrometer

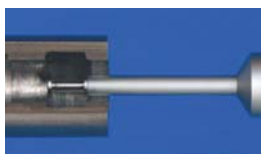
- ☐ Designed for measuring thickness of hot rolling sheet metal
- ☐ Painted frame
- ☐ Resolution:0.05mm/0.002"



Model No.	Range	Model No.	Range
246-15	0-15mm	246-0.6	0-0.6"
246-30	15-30mm	246-1.2	0.6-1.2"
246-45	30-45mm	246-1.8	1.2-1.8"
246-60	45-60mm	246-2.4	1.8-2.4"
246-75	60-75mm	246-3	2.4-3"
246-90	75-90mm	246-3.6	3-3.6"
246-105	90-105mm	246-4.2	3.6-4.2"

Groove micrometer

- ☐ Provided 2 types of laser engraved graduations for inside and outside measurement
- ☐ Resolution:0.01mm/0.001"



Model No.	Range (outside)	Range (inside)	Model No.	Range (outside)	Range (inside)
247-25	0-25mm	1.6-26.5mm	247-1	0-1"	0.06-1.05"
247-50	25-50mm	26.5-51.5mm	247-2	1"-2"	1.05-2.05"
247-75	50-75mm	51.5-76.5mm	247-3	2"-3"	2.05-3.05"
247-100	75-100mm	76.5-101.5mm	247-4	3"-4"	3.05-4.05"

Can seam micrometer

- ☐ Measures the width, height, and depth of can seams
- ☐ Resolution:0.01mm/0.001"

Model No.	Range	Remark
248-13A	0-13mm	For steel cans
248-0.6A	0-0.6"	For steel cans

Model No.	Range	Remark
248-13B	0-13mm	For aluminum cans
248-0.6B	0-0.6"	For aluminum cans

Model No.	Range	Remark
248-13C	0-13mm	For sprayer cans
248-0.6C	0-0.6"	For sprayer cans



Wire micrometer

- ☐ Designed for measuring diameter of wire or small ball
- ☐ Carbide measuring faces
- ☐ Resolution:0.1mm/0.0001"



Model No.	Range	Model No.	Range
236A-10A	0-10mm	236A-0.4	0-0.4"

Depth micrometer

- ☐ Ratchet stop
- ☐ Through rods with flat tips(spherical tips are optional)
- ☐ Base length 101.5mm(63mm is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range	Rods
226A-25A	0-25mm	226-1	0-1"	1
226A-50A	0-50mm	226-2	0-2"	2
226A-100A	0-100mm	226-4	0-4"	4

Model No.	Range	Model No.	Range	Rods
226A-150A	0-150mm	226-6	0-6"	6
226A-200A	0-200mm	226-8	0-8"	8
226A-300A	0-300mm	226-12	0-12"	12

Depth electronic micrometer

- ☐ Through rods with flat tips(spherical tips are optional)
- ☐ Base length 101.5mm(63mm is optional)
- ☐ IP54 protection level
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Rods
226AE-25A	0-25mm/0-1"	1
226AE-50A	0-50mm/0-2"	2
226AE-100A	0-100mm/0-4"	4

Model No.	Range	Rods
226AE-150A	0-150mm/0-6"	6
226AE-200A	0-200mm/0-8"	8
226AE-300A	0-300mm/0-12"	12

Depth micrometer

- ☐ Ratchet stop
- ☐ Through rods with flat tips(spherical tips are optional)
- ☐ Base length 101.5mm(63mm is optional)
- ☐ Resolution:0.01mm/0.001"

Model No.	Range	Model No.	Range	Rods
227A-25A	0-25mm	227-1	0-1"	1
227A-50A	0-50mm	227-2	0-2"	2
227A-100A	0-100mm	227-4	0-4"	4
227A-150A	0-150mm	227-6	0-6"	6
227A-200A	0-200mm	227-8	0-8"	8
227A-300A	0-300mm	227-12	0-12"	12



Depth electronic micrometer

- ☐ Through rods with flat tips(spherical tips are optional)
- ☐ Base length 101.5mm(63mm is optional)
- ☐ IP54 protection level
- ☐ Resolution:0.001mm/0.0005"

Model No.	Range	Rods
227AE-25A	0-25mm/0-1"	1
227AE-50A	0-50mm/0-2"	2
227AE-100A	0-100mm/0-4"	4
227AE-150A	0-150mm/0-6"	6
227AE-200A	0-200mm/0-8"	8
227AE-300A	0-300mm/0-12"	12



Electronic micrometer head

- ☐ Protection level IP54
- ☐ RS232 data output.
- ☐ Resolution: 0.001mm/0.00005"
- ☐ Flat carbide tip(spherical steel tip is optional)



Model No.	Range	Remark
201A-25A	0-25mm/0-1"	Double measuring force
201A-25B	0-25mm/0-1"	Ratchet stop

Electronic micrometer head

- ☐ Protection level IP54
- ☐ RS232 data output.
- ☐ Resolution: 0.001mm/0.00005"
- ☐ Flat carbide tip(spherical steel tip is optional)



Model No.	Range	Remark
201B-25A	0-25mm/0-1"	Double measuring forces
201B-25B	0-25mm/0-1"	Ratchet stop

Micrometer head

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Resolution:0.02mm/0.001"

Model No.	Range	Model No.	Range
202A-05A	0-5mm	202A-0.2A	0-0.2"



Micrometer head

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Without clamp nut (with clamp nut is optional)
- ☐ Resolution:0.01mm/0.001"

Model No.	Range	Model No.	Range
202A-6.5A	0-6.5mm	202A-0.25A	0-0.25"



Large thimble micrometer head

- ☐ Large thimble diameter: Ø20mm
- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ With clamp nut (without clamp nut is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202B-6.5A	0-6.5mm	202B-0.25A	0-0.25"

Micrometer head

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Without spindle lock (with spindle lock is optional)
- ☐ Without clamp nut
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202A-13A	0-13mm	202A-0.5A	0-0.5"

Micrometer head

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ With spindle lock (without spindle lock is optional)
- ☐ With clamp nut
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202B-13A	0-13mm	202B-0.5A	0-0.5"

Micrometer head

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Without spindle lock (with spindle lock is optional)
- ☐ Without clamp nut
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202A-15A	0-15mm	202A-0.6A	0-0.6"

■ **Micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ With spindle lock (without spindle lock is optional)
- ☐ With clamp nut
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202B-15A	0-15mm	202B-0.6A	0-0.6"

■ **Micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Ratchet stop (friction thimble and ratchet friction thimble is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202A-25A	0-25mm	202A-1A1	0-1"

■ **100 Step graduation micrometer head**

- ☐ 100 graduation lines on thimble for quick feeding
- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Ratchet stop (ratchet friction thimble is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202C-25A	0-25mm	202C-1A	0-1"

■ **100 Step graduation micrometer head**

- ☐ 100 graduation lines on thimble for quick feeding
- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ With clamp nut (without clamp nut is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202C-15A	0-15mm	202C-0.6A	0-0.6"

■ **Micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Friction thimble (Ratchet stop and ratchet friction thimble is optional)
- ☐ Resolution:0.002mm/0.0001"



Model No.	Range	Model No.	Range
202B-25A	0-25mm	202B-1A1	0-1"

■ **Micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Without spindle lock
- ☐ Without clamp nut(with clamp nut is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202D-25A	0-25mm	202D-1A	0-1"

■ **Micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ With spindle lock
- ☐ Without clamp nut(with clamp nut is optional)
- ☐ Resolution:0.01mm/0.001"



Model No.	Range	Model No.	Range
202E-25A	0-25mm	202E-1A	0-1"

■ **Micrometer head with non-rotating spindle**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Friction thimble (ratchet stop and ratchet friction thimble is optional)
- ☐ Resolution:0.01mm/0.001"(0.002mm/0.0001" is optional)



Model No.	Range	Model No.	Range
202G-25A	0-25mm	202G-1A	0-1"

■ **100 Step graduation micrometer head**

- ☐ 100 graduation lines on thimble for quick feeding
- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Ratchet stop (ratchet friction thimble is optional)
- ☐ Resolution:0.01mm/0.0005"

Model No.	Range	Model No.	Range
202B-50A	0-50mm	202B-2	0-2"

■ **Parallax free micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Friction thimble (ratchet stop and ratchet friction thimble is optional)
- ☐ Resolution:0.001mm/0.0001"



Model No.	Range	Model No.	Range
202F-25A	0-25mm	202F-1A	0-1"

■ **Micrometer head**

- ☐ Flat carbide tip(spherical steel tip is optional)
- ☐ Ratchet stop
- ☐ Without clamp nut (with clamp nut is optional)
- ☐ Resolution:0.01mm/0.001"(0.001mm/0.0001" is optional)



Model No.	Range	Model No.	Range
202A-50	0-50mm	202A-2	0-2"

■ **Micrometer head for DIY market**

- ☐ Carbide measuring face
- ☐ Ratchet stop
- ☐ The detail regarding to customer demand

Model No.	Range	Resolution
202H-2	0-2mm	0.01mm
202H-5	0-5mm	0.01mm
202H-10	0-10mm	0.01mm
202H-13	0-13mm	0.01mm
202H-15	0-15mm	0.01mm
202H-25	0-25mm	0.01mm
202H-50	0-50mm	0.01mm
202H-1	0-1"	0.001"



Digital indicator of high precision

- ☐ Extra large LCD
- ☐ Double display: digital and electronic scales
- ☐ Preset upper limit and lower limit
- ☐ Stem diameter 8mm or 3/8"



Model No.	Range	Resolution
410-10A	0-10mm/0-0.5"	0.002mm/0.00005"
410-10B	0-10mm/0-0.5"	0.001mm/0.00005"

Digital indicator

- ☐ Via data connecting cable, earphone data output
- ☐ With yellow LCD or black & white LCD, measuring speed: 3M/S
- ☐ Stem diameter 8mm or 3/8"
- ☐ Resolution: 0.01mm/0.0005"



Model No.	Range	Buttons
407-12A	12.5 mm/0.5"	in/mm, ON/OFF, ZERO
407-12B	12.5 mm/0.5"	in/mm, ON/OFF, ZERO, ABS/INC, TOL
407-12C	12.5 mm/0.5"	in/mm, ON/OFF, ZERO/SET, +, -
407-25A	25 mm/1"	in/mm, ON/OFF, ZERO
407-25B	25 mm/1"	in/mm, ON/OFF, ZERO, ABS/INC, TOL
407-25C	25 mm/1"	in/mm, ON/OFF, ZERO/SET, +, -
407-50A	50 mm/2"	in/mm, ON/OFF, ZERO
407-50B	50 mm/2"	in/mm, ON/OFF, ZERO, ABS/INC, TOL
407-50C	50 mm/2"	in/mm, ON/OFF, ZERO/SET, +, -

Absolute digital micro indicator

- ☐ Absolute origin, no response speed limit
- ☐ Absolute encoder sensor
- ☐ Large LCD display
- ☐ SPC data output



Model No.	Size	Resolution	Accuracy
910-10	0-12.7mm/0-0.5"	0.001mm/0.00005"	0.004mm/0.00016"
910-25	0-25.4mm/0-1.0"	0.001mm/0.00005"	0.005mm/0.0002"
910-50	0-50.8mm/0-2.0"	0.001mm/0.00005"	0.006mm/0.00025"

Absolute digital indicator

- ☐ Absolute origin, no response speed limit
- ☐ Absolute encoder sensor
- ☐ Large LCD display
- ☐ SPC data output



Model No.	Size	Resolution	Accuracy
910N-10	0-12.7mm/0-0.5"	0.01mm/0.0005"	0.01mm/0.0005"
910N-25	0-25.4mm/0-1.0"	0.01mm/0.0005"	0.01mm/0.0005"
910N-50	0-50.8mm/0-2.0"	0.01mm/0.0005"	0.015mm/0.001"

Dial indicator

- ☐ Lug back (flat back is optional)
- ☐ Bezel diameter: 60mm
- ☐ Stem diameter: Metric: 8mm
- ☐ Jeweled shock proof is optional



Model No.	Range	Graduation
351B-10	0-10mm	0.01mm

Dial indicator

- ☐ Stem diameter: Metric: 8mm
- ☐ With bezel locking clamp and tolerance index
- ☐ 6 Jeweled or 6 jeweled shock-proof are optional

Model No.	Range	Graduation	Bezel Dia.
319-03	0-3mm	0.01mm	40mm
319-05	0-5mm	0.01mm	40mm
319-10	0-10mm	0.01mm	60mm



Dial indicator

- ☐ Semi-seal cap
- ☐ Stem diameter: Metric: 8mm
- ☐ Bezel diameter: 58mm
- ☐ With inside tolerance index

Model No.	Range	Graduation	Bezel Dia.
312-03B(A)	0-3mm	0.01mm	(A)-with broad knurl metal bezel
312-05B(A)	0-5mm	0.01mm	(A)-with broad knurl metal bezel
312-10B(A)	0-10mm	0.01mm	(A)-with broad knurl metal bezel



Dial indicator

- ☐ Lug back (flat back is optional)
- ☐ Stem diameter: Metric: 8mm
- ☐ With tolerance index



Model No.	Range	Graduation
313B-10	0-10mm	0.01mm

Dial indicator for DIY market

- ☐ Lug back (flat back is optional)
- ☐ Stem diameter: Metric: 8mm
- ☐ With tolerance index



Model No.	Range	Graduation
313C-10	0-10mm	0.01mm

Dial indicator

- ☐ Stem diameter: Metric: 8mm
- ☐ Bezel diameter: 57mm
- ☐ With inside tolerance index

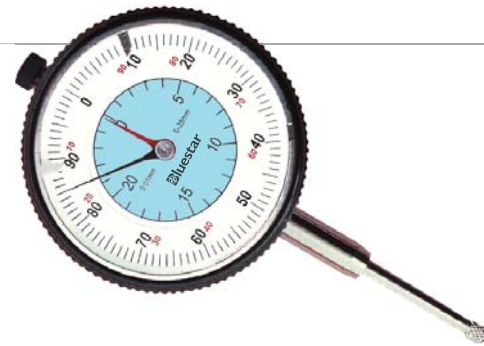
Model No.	Range	Graduation
313-03	0-3mm	0.01mm
313-05	0-5mm	0.01mm
313-10	0-10mm	0.01mm



Dial indicator

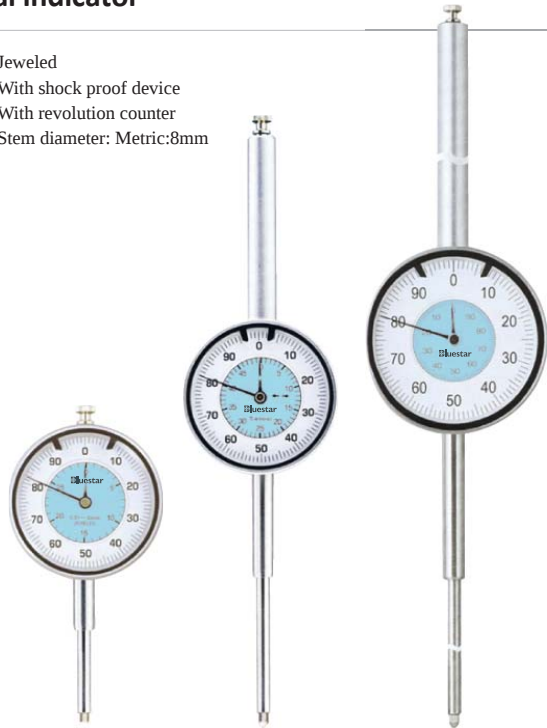
- ☐ Stem diameter: Metric:8mm
- ☐ With bezel locking clamp and tolerance index
- ☐ Bezel diameter: 60mm

Model No.	Range	Graduation
315-20	0-20mm	0.01mm
315-25	0-25mm	0.01mm
315-30	0-30mm	0.01mm



Dial indicator

- ☐ Jeweled
- ☐ With shock proof device
- ☐ With revolution counter
- ☐ Stem diameter: Metric:8mm



Model No.	Range	Resolution	Bezel diameter
321-30	0-30mm	0.01mm	58mm
321-50	0-50mm	0.01mm	58mm
321-80	0-80mm	0.01mm	58mm
321-100	0-100mm	0.01mm	78mm

Inch dial indicator

- ☐ Aluminium body
- ☐ With revolution counter
- ☐ Stem diameter: Metric:3/8"
- ☐ Bezel diameter: 2.28"



Model No.	Range	Graduation
381-2	0-2in	0.001"



Inch dial indicator

- ☐ Aluminium body
- ☐ Stem diameter: Metric:3/8"
- ☐ Bezel diameter: 2.28"
- ☐ Graduation 0.0005" is optional

Model No.	Range	Graduation	Remark
372-0.25(A)	0-0.25in	0.001in	(A)-with broad knurl metal bezel
372-0.5(A)	0-0.5in	0.001in	(A)-with broad knurl metal bezel
372-1(A)	0-1in	0.001in	(A)-with broad knurl metal bezel

Inch dial indicator

- ☐ Jeweled
- ☐ With shock proof device
- ☐ With revolution counter
- ☐ Stem diameter: Metric:8mm



Model No.	Range	Graduation	Bezel diameter
376-0.5	0-0.5"	0.0005"	60mm
376-1	0-1"	0.001"	60mm

Dial micron indicator

- ☐ Bezel diameter:60mm
- ☐ Jeweled
- ☐ Stem diameter:8mm
- ☐ With tolerance index

Model No.	Range	Graduation
306-3	0-3mm	0.001mm
306-3B	0-3mm	0.002mm
306-5	0-5mm	0.001mm
306-5B	0-5mm	0.002mm



- ☐ Peach shaped mechanical body
- ☐ Adjustable steel dial ring
- ☐ Bezel diameter:57mm
- ☐ Stem diameter:8mm

Model No.	Range	Graduation
304-01	0-1mm	0.001mm

Dial indicator with dual scales

- ☐ Lug back(flat back is optional)
- ☐ Stem diameter: Metric:8mm
- ☐ Bezel diameter: 60mm



Model No.	Range	Graduation
384-25/1	0-25mm/0-1"	0.01mm/0.001"



- ☐ With dial lock screw
- ☐ Bezel diameter:58mm
- ☐ Stem diameter:8mm

Model No.	Range	Graduation
301-01	0-1mm	0.001mm
301-02	0-2mm	0.001mm



Dial test indicator

- ☐ Jeweled bearing, shock-proof
- ☐ Interchangeable carbide contact point, diameter 2mm
- ☐ Probe length 16.5mm/0.62"
- ☐ With two holding stems: metric 6mm and 8mm, imperial 5/32" and 3/8"
- ☐ Carbide, jewellball or steel contact point

Model No.	Range	Resolution	Bezel Dia.
411-0.8A	0-0.8mm	0.01mm	30mm/31mm
411-0.8B	0-0.8mm	0.01mm	37.5mm/38.4mm
411-0.2A	0-0.2mm	0.002mm	30mm/31mm
411-0.2B	0-0.2mm	0.002mm	37.5mm/38.4mm
411-0.03A	0-0.03"	0.001"	1.18"
411-0.03B	0-0.03"	0.001"	1.48"
411-0.03C	0-0.03"	0.0005"	1.18"
411-0.03D	0-0.03"	0.0005"	1.48"
411-0.03E	0-0.03"	0.0001"	1.18"
411-0.03F	0-0.03"	0.0001"	1.48"



Digital test indicator

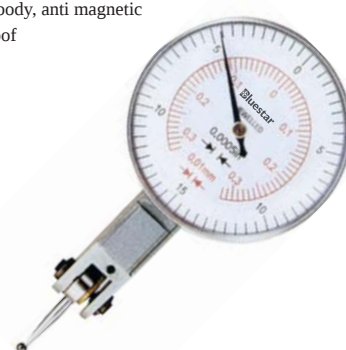
- ☐ Positive and negative measurement
- ☐ 0-180degree adjustable measuring head
- ☐ Ruby ball head
- ☐ Probe length 27mm
- ☐ With two holding stems:4mm or 8mm



Model No.	Range	Resolution
410-0.5	0-0.5mm/0-0.02"	0.001mm/0.0001"

Dial test indicator with dual graduation

- ☐ Satin-Chrome finish brass body, anti magnetic
- ☐ Jeweled bearing, shock-proof



Model No.	Range	Resolution	Bezel Dia.
414-0.6	0-0.03"/0-0.6mm	0.0005"/0.01mm	1.48"

Dial test indicator of large travel

- ☐ Measuring for both clockwise and anticlockwise.
- ☐ Probe length 16mm
- ☐ Holding stem:4mm/5/32"
- ☐ Steel contact point dia 2mm



Model No.	Range	Resolution	Bezel Dia.
413-1.6	-1.6mm-+1.6mm	0.01mm	38mm
413-0.06	-0.06"-+0.06"	0.0005"	1.51"

Dial test indicator with long probe

- ☐ Jeweled bearing, shock-proof
- ☐ Interchangeable carbide contact point, diameter 2mm
- ☐ With two holding stems: metric 6mm and 8mm, imperial 5/32" and 3/8"



Model No.	Range	Resolution	Bezel Dia.
412-0.8A	0-0.8mm	0.01mm	30mm
412-0.8B	0-0.8mm	0.01mm	37.5mm
412-0.03A	0-0.3"	0.0005"	1.18"
412-0.03B	0-0.3"	0.0005"	1.48"

Dial bore gauge

- ☐ Dial indicator graduation: 0.01mm/0.0005"(optional 0.001")
- ☐ Dial indicator range: 0-3mm shockproof/0-0.25", 0-10mm
- ☐ Ceramic contact moving tip and anvils are optional
- ☐ Protection cover for dial indicator is optional
- ☐ Screw type anvils for bore gauge over 18mm

Model No.	Range	Depth	Anvil type	Anvil No.	Sub-anvils
421-10	6-10mm	40mm	A	9	
421-18	10-18mm	100	B	9	
421-35	18-35	150	C	9	
421-50	35-50mm	150	D	4	
421-100	50-100mm	150	D	11	
421-160	50-160mm	150	D	12	1
421-250	160-250mm	250	D	5	1
421-450	250-450mm	250	D	5	2
421-0.4	0.24-0.4"	1.57"	A	9	
421-0.7	0.4-0.7"	4"	B	9	
421-1.5	0.7-1.5"	6"	C	8	
421-2.4	1.4-2.4"	6"	D	6	
421-4	2-4"	6"	D	11	
421-6	2-6"	6"	D	11	1
421-10	6-10"	16"	D	6	1
421-16	10-16"	16"	D	5	2



Dial bore gauge

- ☐ Dial indicator graduation: 0.01mm/0.0005"(optional 0.001")
- ☐ Dial indicator range: 0-3mm shockproof/0-0.25", 0-10mm
- ☐ Ceramic contact moving tip and anvils are optional
- ☐ Protection cover for dial indicator is optional
- ☐ Insert type anvil and screw type is optional

Model No.	Range	Depth	Anvil type	Anvil No.	Sub-anvils
422-35	18-35mm	150mm	A	7	
422-50	35-50mm	150mm	B	3	
422-100	50-100mm	150mm	B	5	
422-160	50-160mm	150mm	B	5	1
422-250	160-250mm	250mm	B	5	1
422-450	250-450mm	250mm	B	5	1
422-250B	100-250mm	200mm	B	4	1
422-1.5	0.7-1.5"	6"	A	7	
422-2.4	1.4-2.4"	6"	B	3	
422-4	2-4"	6"	B	5	
422-6	2-6"	6"	B	5	1
422-10	6-10"	16"	B	5	
422-16	10-16"	16"	B	5	1
422-10B	4-10"	8"	B	4	1



Long depth dial bore gauge

- ☐ Dial indicator graduation:0.01mm/0.005"(optional:0.001")
- ☐ Dial indicator range: 0-3mm shockproof/0-0.25"
- ☐ Ceramic contact moving tip and anvils are optional

Range	Model No.			
	Depth 0.5m	Depth 1m	Depth 1.5m	Depth 2m
35-50	423-50	424-50	425-50	426-50
50-100	423-100	424-100	425-100	426-100
50-160	423-160	424-160	425-160	426-160
160-250	423-250	424-250	425-250	426-250
250-450	423-450	424-450	425-450	426-450
1.4-2.4"	423-2.4	424-2.4	425-2.4	426-2.4
2-4"	423-4	424-4	425-4	426-4
2-6"	423-6	424-6	425-6	426-6
6-10"	423-10	424-10	425-10	426-10
10-16"	423-16	424-16	425-16	426-16



Digital dial bore gauge

- ☐ Digital indicator:range 0-10mm/0-0.5"
- ☐ Ceramic contact moving tip and anvils are optional
- ☐ Rotary face,digit analog display,auto power off,SPC data output
- ☐ Insert type anvils for bore gauge over 35mm

Model No.	Range	Resolution
427-10	6-10mm/0.24-0.4"	0.002mm/0.00005"
428-18	10-18mm/0.4-0.7"	0.002mm/0.00005"
428-35	18-35mm/0.7-1.5"	0.002mm/0.00005"
428-50	35-50mm/1.4-2.4"	0.002mm/0.00005"
428-100	50-100mm/2-4"	0.002mm/0.00005"
428-160	50-160mm/2-6"	0.002mm/0.00005"
428-250	160-250mm/6-10"	0.002mm/0.00005"
428-450	250-450mm/10-16"	0.002mm/0.00005"



Dial thickness gauge

- ☐ Flat ceramic measuring tips diameter 10mm
- ☐ Bezel diameter 58mm
- ☐ Measuring depth 120mm



Model No.	Range	Resolution
530-10	0-10mm	0.01mm
530-20	0-20mm	0.01mm
530-0.5	0-0.5"	0.001"

Dial thickness gauge

- ☐ Flat ceramic measuring tips diameter 10mm
- ☐ Bezel diameter 58mm
- ☐ Measuring depth 30mm



Model No.	Range	Resolution
531-10	0-10mm	0.01mm
531-0.5	0-0.5"	0.001"

Dial thickness gauge

- ☐ Bezel diameter 58mm
- ☐ Measuring depth 22mm



Model No.	Range	Resolution
532-10	0-10mm	0.01mm
532-0.5	0-0.5"	0.001"

Dial thickness gauge

- ☐ Aluminium body
- ☐ Bezel diameter 55mm
- ☐ Measuring depth:25mm



Model No.	Range	Resolution
535-10	0-10mm	0.01mm

Thickness gauge

- ☐ Aluminium body
- ☐ Bezel diameter 43mm
- ☐ Measuring depth:10mm

Model No.	Range	Resolution
534-10	0-10mm	0.01mm
534-0.5	0-0.5"	0.001"



Thickness gauge

- ☐ Resolution 0.05mm
- ☐ Range:0-10mm



536A-10



536B-10



536C-10



536D-10

Electronic digital thickness gauge

- Stainless steel measuring tips diameter 9mm
- Measuring depth:15mm



Model No.	Range	Resolution
537-15	0-15mm/0-0.6"	0.01mm/0.0005"
537-25	0-25mm/0-1"	0.01mm/0.0005"

Jewelry thickness gauge

- High contrast LCD display
- Solid harden stainless steel body
- Options:all kinds of caliper sticking films



Model No.	Range	Resolution
538-25	0-25mm/0-1"	0.01mm/0.0005"

Digital thickness gauges (Horizontal Type)

- Suited for measuring thickness of paper,film,wire,sheet metal,jewelry,leather and similar materials
- Auto power off



539-25

Model No.	Range	Resolution	Accuracy
539-12	0-12mm	0.01mm/0.0005"	±0.03mm
539-25	0-25mm	0.01mm/0.0005"	±0.04mm



539-12

Electronic caliper gauge for inside measurement

- Rotary display with Dial rotates +/-170 degree
- Digital display and analog display on LCD
- Resolution:0.01mm/0.0005"

Model No.	Range	Arm length	Round tip radius	Ball tip Dia.(optional)
521-15	5-15mm/0.2-0.6"	20	0.3mm	
521-20	10-20mm/0.4-0.8"	25	0.3mm	1.5mm
521-30	20-30mm/0.8-1.2"	30	0.5mm	1.5mm
521-40	30-40mm/1.2-1.6"	30	0.5mm	1.5mm
521-50	40-50mm/1.6-2.0"	30	0.5mm	1.5mm
522-25	5-25mm/0.2-1.0"	35	0.3mm	
522-30	10-30mm/0.4-1.2"	55	0.5mm	1.5mm
522-40	20-40mm/0.8-1.6"	80	0.5mm	1.5mm
522-50	30-50mm/1.2-2.0"	80	0.5mm	1.5mm
522-60	40-60mm/1.6-2.4"	80	0.5mm	1.5mm



Electronic caliper gauge for outside measurement

- Rotary display with Dial rotates +/-170 degree
- Digital display and analog display on LCD
- Resolution:0.01mm/0.0005"

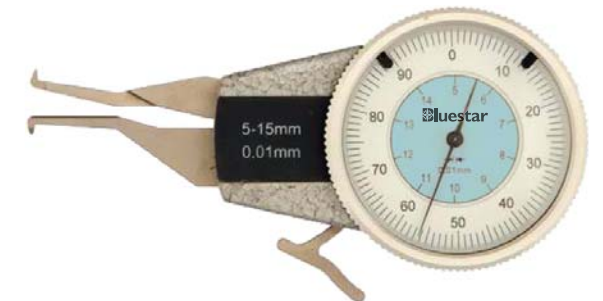
Model No.	Range	Arm length	Round tip radius	Ball tip Dia.(optional)
523-10	0-10mm/0-0.4"	40	0.5mm	1.5mm
523-20	10-20mm/0.4-0.8"	40	0.5mm	1.5mm
523-30	20-30mm/0.8-1.2"	40	0.5mm	1.5mm
523-40	30-40mm/1.2-1.6"	40	0.5mm	1.5mm
523-50	40-50mm/1.6-2.0"	40	0.5mm	1.5mm
524-20	0-20mm/0-0.8"	80	0.75mm	1.5mm
524-30	10-30mm/0.4-1.2"	80	0.75mm	1.5mm
524-40	20-40mm/0.8-1.6"	80	0.75mm	1.5mm
524-50	30-50mm/1.2-2.0"	80	0.75mm	1.5mm
524-60	40-60mm/1.6-2.4"	80	0.75mm	1.5mm



Caliper gauge for inside measurement

- Graduation:0.01mm/0.0005"

Model No.	Range	Arm length	Round tip radius	Ball tip Dia.(optional)
525-15	5-15mm/0.2-0.6"	20mm/0.787"	0.3mm	
525-20	10-20mm/0.4-0.8"	25mm/0.984"	0.3mm	1.5mm
525-30	20-30mm/0.8-1.2"	30mm/1.181"	0.5mm	1.5mm
525-40	30-40mm/1.2-1.6"	30mm/1.181"	0.5mm	1.5mm
525-50	40-50mm/1.6-2.0"	30mm/1.181"	0.5mm	1.5mm
526-25	5-25mm/0.2-1.0"	35mm/1.378"	0.3mm	
526-30	10-30mm/0.4-1.2"	55mm/2.165"	0.5mm	1.5mm
526-40	20-40mm/0.8-1.6"	80mm/3.15"	0.5mm	1.5mm
526-50	30-50mm/1.2-2.0"	80mm/3.15"	0.5mm	1.5mm
526-60	40-60mm/1.6-2.4"	80mm/3.15"	0.5mm	1.5mm



Caliper gauge for outside measurement

- Graduation:0.01mm/0.0005"

Model No.	Range	Arm length	Round tip radius	Ball tip Dia.(optional)
527-10	0-10mm/0-0.4"	40mm/1.575"	0.5mm	1.5mm
527-20	10-20mm/0.4-0.8"	40mm/1.575"	0.5mm	1.5mm
527-30	20-30mm/0.8-1.2"	40mm/1.575"	0.5mm	1.5mm
527-40	30-40mm/1.2-1.6"	40mm/1.575"	0.5mm	1.5mm
527-50	40-50mm/1.6-2.0"	40mm/1.575"	0.5mm	1.5mm
528-20	0-20mm/0-0.8"	80mm/3.15"	0.75mm	1.5mm
528-30	10-30mm/0.4-1.2"	80mm/3.15"	0.75mm	1.5mm
528-40	20-40mm/0.8-1.6"	80mm/3.15"	0.75mm	1.5mm
528-50	30-50mm/1.2-2.0"	80mm/3.15"	0.75mm	1.5mm
528-60	40-60mm/1.6-2.4"	80mm/3.15"	0.75mm	1.5mm



Caliper gauge for inside measurement



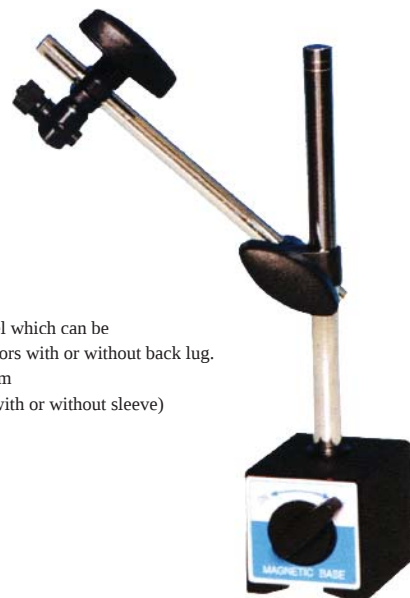
Model No.	Range	Reading	Contact point	Arm length
529-35	15-35mm	0.01mm	3x3mm	50mm
529-55	35-55mm	0.01mm	6x3mm	80mm
529-75	55-75mm	0.01mm	8x3mm	90mm
529-95	75-95mm	0.01mm	8x3mm	100mm
529-115	95-115mm	0.01mm	10x3.2mm	150mm
529-135	115-135mm	0.01mm	10x3.2mm	150mm

Caliper gauge for outside measurement



Model No.	Range	Reading	Contact point	Arm length
530-20	0-20mm	0.01mm	6x3mm	60mm
530-40	20-40mm	0.01mm	6x3mm	60mm
530-60	40-60mm	0.01mm	6x3mm	55mm
530-80	60-80mm	0.01mm	6x3mm	55mm
530-100	80-100mm	0.01mm	6x3mm	55mm

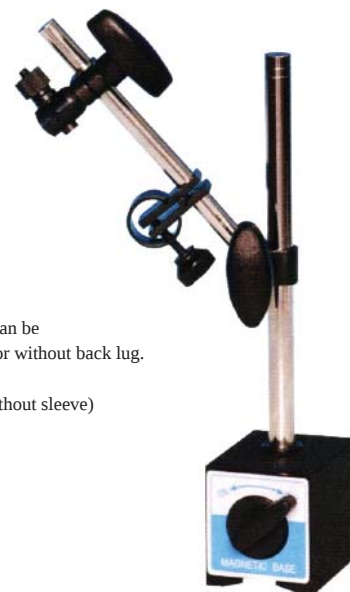
Magnetic stand



- ☐ Universal model which can be used for indicators with or without back lug.
- ☐ Clamp hole 8mm (optional: 3/8" with or without sleeve)

Model No.	Magnetic Force	Main Stem		Assistant Stem	
		Length	Dia.	Length	Dia.
501-60	60KG/130Lbs	176	12	160	10
501-80	80KG/175Lbs				

Magnetic stand with fine adjustment

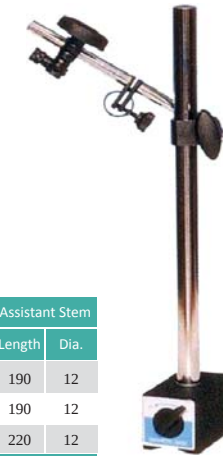


- ☐ With fine adjustment
- ☐ Universal model which can be used for indicators with or without back lug.
- ☐ Clamp hole 8mm (optional: 3/8" with or without sleeve)

Model No.	Work Magnetic Force	Main Stem		Assistant Stem	
		Length	Dia.	Length	Dia.
502-60	60KG/130Lbs	176	12	150	10
502-80	80KG/175Lbs				

Heavy duty magnetic stand

- ☐ With fine adjustment
- ☐ Universal model which can be used for indicators with or without back lug.



Model No.	Work Magnetic Force	Main Stem		Assistant Stem	
		Length	Dia.	Length	Dia.
503-60	60KG/130Lbs	225	16	190	12
503-80	80KG/175Lbs	225	16	190	12
503-100	100KG/220Lbs	360	20	220	12

Magnetic stand for uneven surface



- ☐ Attached on any shape or contour
- ☐ Main stem: 12x176
- ☐ Assistant stem: 10x160
- ☐ Model No. 504B-60

High strength mechanical universal magnetic stand

- ☐ With fine adjustment
- ☐ Dovetail groove for clamping a dial test indicator
- ☐ Clamp hole 8mm (optional: hole 3/8" with or without sleeve)
- ☐ Magnetic force: 60KG/80KG/100KG



Model No.	Stem length
506-260	260mm
506-350	350mm
506-470	470mm

DIN series magnetic stand

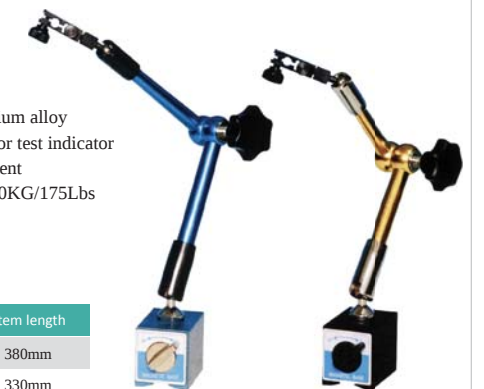
- ☐ With fine adjustment
- ☐ Accept dial test indicator stem dia 8mm / 3/8"



Model No.	Work Magnetic Force	Main Stem		Assistant Stem	
		Length	Dia.	Length	Dia.
504-60	60KG/130Lbs	230	16	230	16
504-80	80KG/175Lbs	412	20	230	16

Hydraulic universal magnetic stand

- ☐ All arm is aluminium alloy
- ☐ Dovetail groove for test indicator
- ☐ With fine adjustment
- ☐ Magnetic force: 80KG/175Lbs



Model No.	Stem length
505-80A	380mm
505-80B	330mm

Mechanical universal magnetic stand

- ☐ Dovetail groove for clamping a dial test indicator
- ☐ All arm is aluminium alloy
- ☐ Stem length 280mm
- ☐ Magnetic force: 80KG/175Lbs



Model No.	Colour
507-R	red
507-B	blue
507-G	golden
507-W	white
507-B	black

Mechanical universal magnetic stand (heavy duty)

- ☐ Aluminium alloy arm
- ☐ Dovetail groove for clamping a dial test indicator
- ☐ Stem length 370mm
- ☐ Clamp hole 8mm(optional :hole 3/8" with or without sleeve)

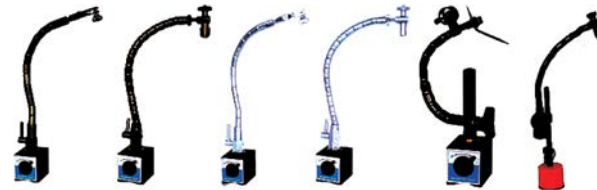
Model No.	Magnetic forces
508-100	100KG



Flexible stem magnetic stand

- ☐ Simply-flex type
- ☐ Accepts dial test indicators, digital indicators and normal indicators

Model No.	Magnetic force
510-60	60KG/130Lbs
510-80	80KG/175Lbs



Small magnetic stand

- ☐ Small one
- ☐ Detail specification is upon request



Granite measuring stand

- ☐ Granite base flatness
- ☐ Clamp hole 8mm

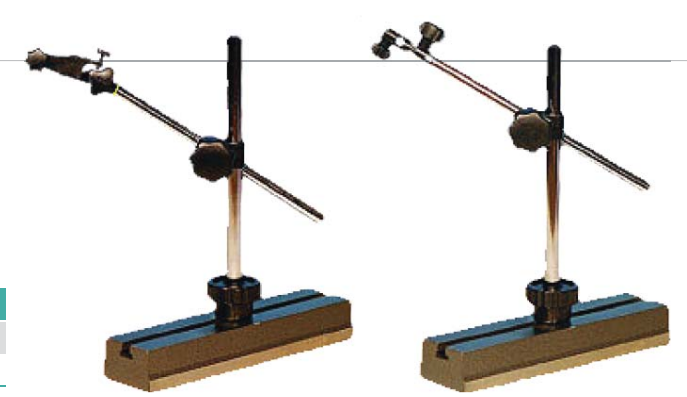
Model No.	Range	Column
517-150	150x100	φ18x100
517-200	200x150	φ35x250
517-300	300x200	φ35x300



Universal measuring stand

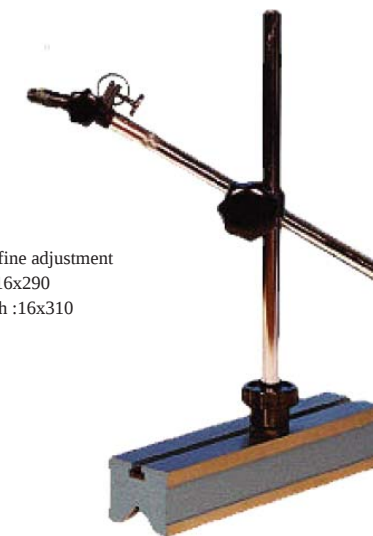
- ☐ Main column length 14x200mm
- ☐ Branch column length:12x270mm
- ☐ Base size:220x58x35mm

Model No.	Remark
511-10	with fine adjustment
511-11	without fine adjustment



Universal measuring stand

- ☐ Horizontal arm with fine adjustment
- ☐ Mail column length:16x290
- ☐ Branch column length :16x310
- ☐ Base size:260x62x52
- ☐ Model No. 512-10



Surface gage

- ☐ Base and scriber are hardened
- ☐ Features fine adjustment
- ☐ Base dimension:84x65x27
- ☐ Stem Dia:10mm needle Dia:4mm



Model No.	Stem length
513-300	300/455
513-230	230/300
513-175	175/100

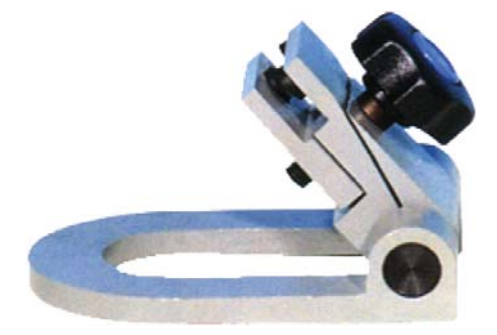
Micrometer stand

- ☐ Designed to allow bench-top using with micrometer or other gages which have frame area sufficient to be hold
- ☐ Used for 0-4"/0-100mm microemter
- ☐ Model No. 516-01



Adjustable micrometer stand

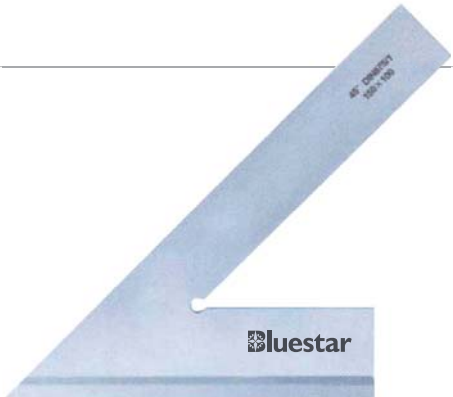
- ☐ Clamp can be adjusted an locked at any positions
- ☐ Model No. 516-02



■ Acute square 45°with base

- ☐ Tool steel: hard, grind
☐ Stainless steel: hard, grind

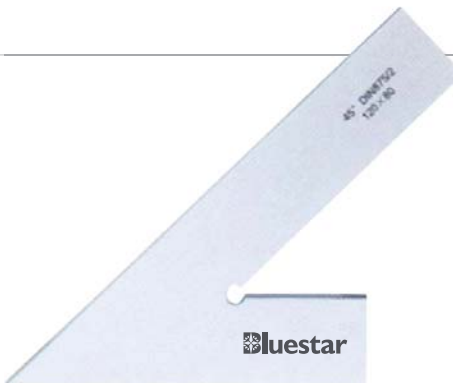
Model No.	Size(mm)	Section
562-120	120x80	20x5
562-150	150x100	20x5
562-200	200x130	25x5



■ Acute square 45°

- ☐ Tool steel:hard, grind
☐ Stainless steel: hard, grind

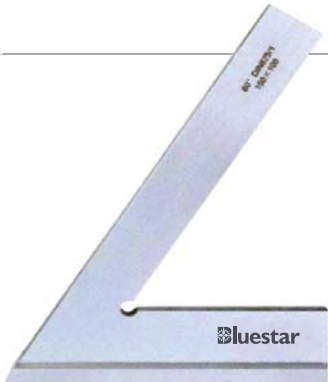
Model No.	Size(mm)	Section
563-120	120x80	20x5
563-150	150x100	20x5
563-200	200x130	25x5



■ Acute square 60°with base

- ☐ Tool steel:hard, grind
☐ Stainless steel: hard, grind

Model No.	Size(mm)	Section
564-100	100x70	20x5
564-120	120x80	20x5
564-150	150x100	20x5
564-200	200x130	25x5



■ Acute square 60°

- ☐ Tool steel:hard, grind
☐ Stainless steel: hard, grind

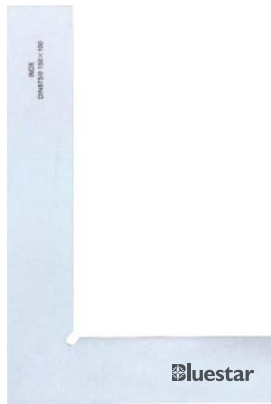
Model No.	Size(mm)	Section
565-100	100x70	20x5
565-120	120x80	20x5
565-150	150x100	20x5
565-200	200x130	25x5



■ Steel square 90°

- ☐ Lapping,hardened

Model No.	Size(mm)	Section
560-50	50x40	15x4
560-75	75x50	15x4
560-100	100x70	20x5
560-150	150x100	25x5
560-200	200x130	30x6
560-250	250x165	35x7
560-300	300x200	40x8
560-400	400x265	45x10
560-500	500x330	50x10



■ Steel square 90° with base

- ☐ Tool steel:hard, grind
☐ Stainless steel: hard, grind

Model No.	Size(mm)	Section
561-50	50x40	15x4
561-75	75x50	15x4
561-100	100x70	20x5
561-150	150x100	25x5
561-200	200x130	30x6
561-250	250x165	35x7
561-300	300x200	40x8
561-400	400x265	45x10
561-500	500x330	50x10



■ Precision knife edge square 90°

- ☐ Tool steel:hard,grind
☐ Stainless steel:hard, grind
☐ Lapping,hardened,toolsteel,chrome plated

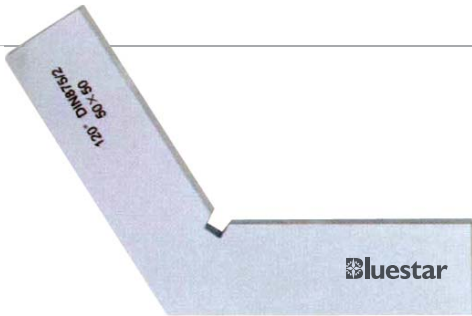
Model No.	Size(mm)	Section
558-50	50x40	15x4
558-75	75x50	15x4
558-100	100x70	20x5
558-150	150x100	25x5
558-200	200x130	30x6
558-250	250x165	35x7
558-300	300x200	40x8



Hexagon square 120°/135°

- ☐ Tool steel:hard, grind
- ☐ Stainless steel: hard, grind

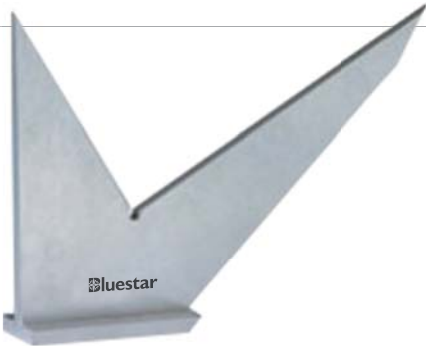
Model No.	Size(mm)	Section
566-50	50x50	15x5
566-75	75x50	18x5
566-100	100x100	20x5
566-150	150x150	25x5
566-200	200x200	30x7



Special square

- ☐ Tool steel: hard,grind
- ☐ Stainless steel: hard, grind

Model No.	Size(mm)	AXBXC(mm)	Range
568-100	100	107x92x47	25x5
568-125	125	128x110x59	25x5
568-150	150	155x130x70	25x5
568-200	200	207x175x94	25x6
568-270	270	271x227x118	30x7
568-300	300	303x265x143	30x8



Precision edge

- ☐ Tool steel:hard, grind
- ☐ Stainless steel: hard, grind

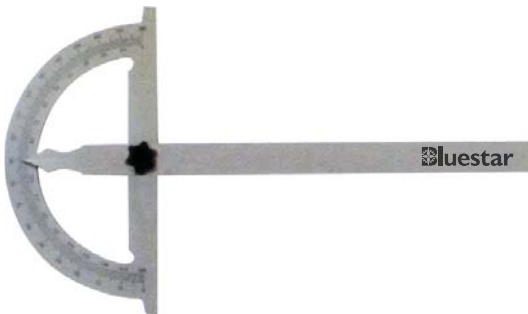


Model No.	Size(mm)	Section
569-50	50	25x5
569-75	75	25x5
569-100	100	25x5
569-125	125	25x5
569-150	150	25x5

Model No.	Size(mm)	Section
569-175	175	25x5
569-225	225	30x7
569-300	300	30x7
569-400	400	33x10
569-500	500	33x10

Locking protractor

Model No.	Range	Dia of protractors(mm)	Blade Length(mm)
546-80	0-180°	80	120
546-120	0-180°	120	150
546-150	0-180°	150	200
546-200	0-180°	200	300
546-300	0-180°	300	500



Locking protractor



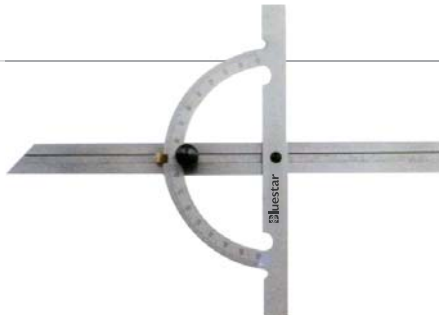
Model No.	Dia of protractors(mm)	Length of blade(mm)
551-85	85	150



Model No.	Dia of protractors(mm)	Length of blade(mm)
552-85	85	150

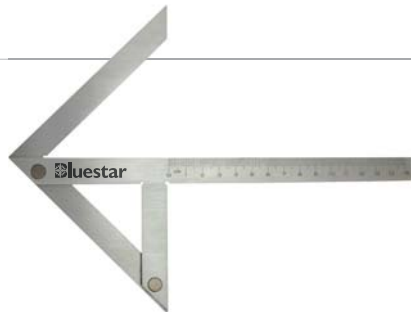
Adjustable protractor

Model No.	Range	Dia of protractors(mm)	Blade Length(mm)
540-100	0-170°	100	150
540-150	0-170°	150	300
540-200	0-170°	200	400
540-250	0-170°	250	500
540-300	0-170°	300	600

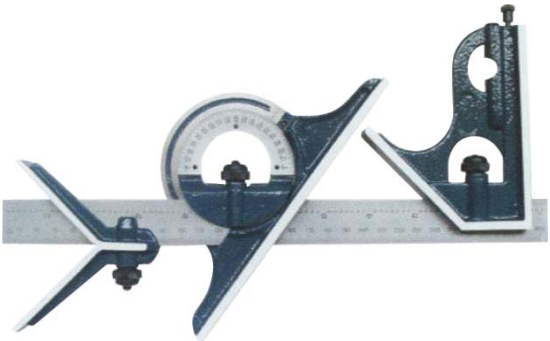


Center square

Model No.	Size (mm)	For shafts of dias up to
543-100	100x70	90
543-150	150x130	190
543-200	200x150	220
543-250	250x160	230
543-300	300x180	280

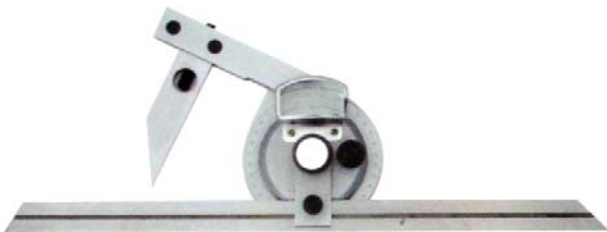


Combination square set



Model No.	Range	Reading	Blade Length (mm)
558-1	0-180°	1°	300

Dial universal bevel protractor with fine adjustment



Model No.	Range	Reading	Blade Length(mm)
554-5	0-360°	5'	150 200 300

Digital universal protractor



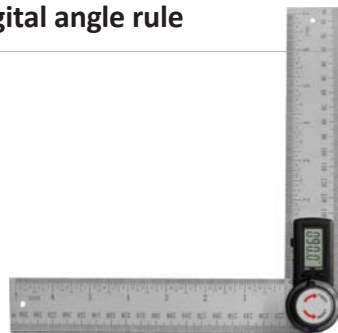
Model No.	Range	Reading	Reading
556-5	0-360°	30"	5'

Universal digital protractor



Model No.	Range	Resolution	Accuracy
556-9	0-360°, 2x180°, 4x90°	1"/0.01°	±4"/±0.07°

2-in-1 digital angle rule



Model No.	Range	Resolution	Accuracy
559-1	000.0°-999.9°	0.1°	0.3°

Angle finder



Model No.	Range	Resolution	Accuracy
559-2	360°	0.05°/3'	0.1°

Digital level

Model No.	Range	Accuracy
557-400	400mm	0.1°
557-600	600mm	0.1°
557-800	800mm	0.1°
557-1000	1000mm	0.1°
557-1200	1200mm	0.1°

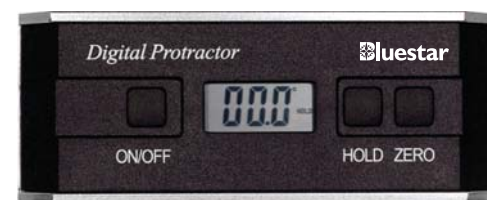


Digital protractor



Model No.	Range	Reading	Framework
560-1	4X90°	0.1°	aluminum frame

Digital protractor



Model No.	Range	Resolution	Accuracy
561-1	4x90°(0-360°)	0.1°	0 and 90°(0.1°), the rest(0.2°)

Digital bevel box

- ☐ Metal shell, IP54 protection;
- ☐ Measuring plane containing 3 magnetic disks

Model No.	Range	Reading
563-1	4x90°	0.1°

Model No.	Range	Reading
563-2	4x90°	0.1°



563-1



563-2

Adjustable square

- ☐ Stainless steel blade;
- ☐ Aluminum or plastic handle optional, with locking screw hinge



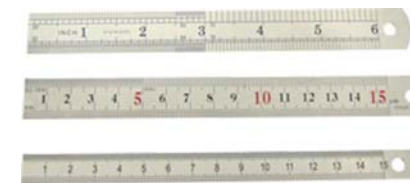
Model No.	Size
570-200	200mm
570-250	250mm
570-300	300mm



Model No.	Size
571-200	200mm
571-250	250mm
571-300	300mm

Steel ruler

- ☐ Flexible pattern or rigid pattern optional; polishing or dull satined are optional
- ☐ Different sizes could be customized



Model No.	Size	Quantity of package
580-015A	150x15x0.5mm	600pcs
580-015B	150x19x0.8mm	600pcs
580-020	200x19x0.8mm	600pcs
580-030A	300x25x1.0mm	300pcs
580-030B	300x28x0.8mm	300pcs
580-050A	500x25x1.0mm	120pcs
580-050B	500x28x1.2mm	120pcs
580-060A	600x28x1.2mm	120pcs
580-060B	600x30x1.2mm	120pcs
580-100A	1000x32x1.2mm	100pcs
580-100B	1000x35x1.5mm	60pcs
580-120A	1200x32x1.2mm	60pcs
580-120B	1200x35x1.5mm	60pcs
580-150A	1500x35x1.5mm	30pcs
580-150B	1500x35x1.8mm	30pcs
580-200A	2000x38x1.8mm	30pcs
580-200B	2000x40x2.0mm	30pcs

Folding ruler



Wooden folding ruler

Model No.	Size	Quantity of package
581-101	1m/5folds	240pcs
581-102	1m/6folds	240pcs
581-103	1m/10folds	240pcs
581-104	2m/10folds	120pcs



Plastic folding ruler

Model No.	Size	Quantity of package
581-201	1m/5folds	200pcs
581-202	2m/10folds	100pcs
581-203	2m/12folds	100pcs

■ Measuring tape

- ☐ High-grade steel scale tape, straightness stronger
- ☐ High quality blade with clear graduation
- ☐ Co-molded rubber case, shock-proof and comfortable grip
- ☐ Excellent locking system holds blades firmly

Model No.	Range	Width	Quantities of package
582-1	2m/6ft	16mm	120pcs
582-2	2.5m/9ft	16mm	120pcs
582-3	3m/10ft	16mm	120pcs
582-4	5m/16ft	19mm	120pcs
582-5	7.5m/25ft	25mm	60pcs
582-6	8m/26ft	25mm	60pcs
582-7	10m/33ft	25mm	60pcs

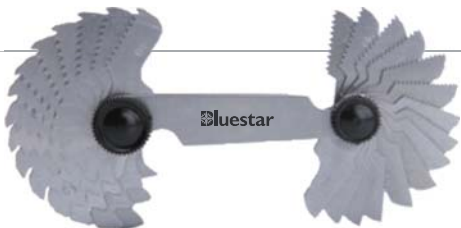


■ Feeler gauge



Model No.	Range	Qty(pcs)	Size of blades
564-8	0.05-0.50mm	8	0.05-0.10-0.15-0.20-0.25-0.30-0.40-0.50mm
564-10	0.05-0.80mm	10	0.05-0.10-0.15-0.20-0.30-0.40-0.50-0.60-0.70-0.80mm
564-13	0.05-1.00mm	13	0.05-0.10-0.15-0.20-0.25-0.30-0.40-0.50-0.60-0.70-0.80-0.90-1.00mm
564-17	0.02-1.00mm	17	0.02-0.03-0.04-0.05-0.06-0.07-0.08-0.09-0.10-0.15-0.20-0.25-0.30-0.40-0.50-0.75-1.00mm
564-20	0.05-1.00mm	20	0.05-0.10-0.15-0.20-0.25-0.30-0.35-0.40-0.45-0.50-0.55-0.60-0.65-0.70-0.75-0.80-0.85-0.90-0.95-1.00mm
564-21	0.05-2.00mm	21	0.05-0.10-0.20-0.30-0.40-0.50-0.60-0.70-0.80-0.90-1.00-1.10-1.20-1.30-1.40-1.50-1.60-1.70-1.80-1.90-2.00mm
564-32	0.03-1.00mm	32	0.03-0.04-0.05-0.06-0.07-0.08-0.09-0.10-0.13-0.15-0.18-0.20-0.23-0.25-0.28-0.30-0.33-0.35-0.38-0.40-0.45-0.50-0.55-0.60-0.70-0.75-0.80-0.90-1.00mm

■ Screw pitch gauge



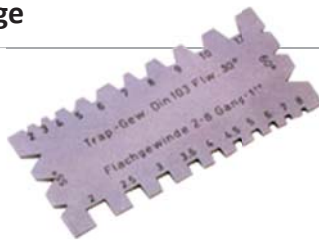
Model No.	Range	Leaves	Pitches
565-318	0.4-6mm	20	0.40- 0.45- 0.50- 0.60- 0.70- 0.80-1.00-1.25- 1.50- 1.75- 2.00- 2.50- 3.00- 3.50-4.00- 4.50- 5.00- 5.50- 6.00mm
565-322	4-48TPI	22	4- 4.5- 5- 6- 7- 8- 9- 10- 11- 12- 14- 16- 18- 19- 20- 22- 24- 26- 28- 32- 40- 48tpi

■ Angle gauge



Model No.	Leaves	Range
565-182	18	1°- 2°- 3°- 4°- 5°- 6°- 7°- 8°- 9°- 10°- 12°- 14°- 14-1/2°- 15°- 25°- 30°- 35°- 45°
565-184	20	1°- 2°- 3°- 4°- 5°- 6°- 7°- 8°- 9°- 10°- 12°- 14°- 16°- 18°- 20°- 25°- 30°- 35°- 40°- 45°

■ Angle gauge



Model No.	Range	Leaves	Range
565-186	45°, 55°, 60°, 70°	1	2- 2.5- 3- 3.5- 4- 4.5- 5- 6- 7- 8

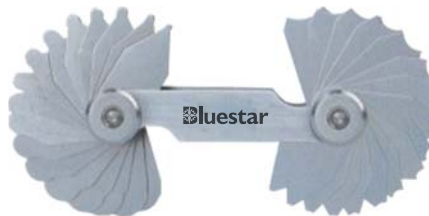
■ Angle gauge set



Model No.	Range	Blades
565-018	5°-90°by 0.5°	18

■ Radius gauge

Model No.	Range	Qty(pcs)	Size of blades
565-17	1-7.0mm	17	1-1.25-1.5-1.75-2-2.25-2.5-2.75-3-3.5-4-4.5-5-5.5-6-6.5-7mm
565-16	7.5-15mm	16	7.5-8-8.5-9-9.5-10-10.5-11-11.5-12-12.5-13-13.5-14-14.5-15mm
565-15	15.5-25mm	15	15.5-16-16.5-17-17.5-18-18.5-19-19.5-20-21-22-23-24-25mm



■ Radius gauge set



Model No.	Range	Qty(pcs)
565-226	0.5-13mm	26
Size of blades		
0.5-1-1.5-2-2.5-3-3.5-4-4.5-5-5.5-6-6.5-7-7.5-8-8.5-9-9.5-10-10.5-11-11.5-12-12.5-13mm		

■ Center angle gauge



Model No.	Leaves	Nominal Angles
565-260	1	60°
565-255	1	50°
565-300	1	60°(U.S.std.)

■ Radius weld gauge



Model No.	Leaves	Range	Pitches
565-200	12	3-12mm	3-3.5-4-4.5-5-5.5-6-6.5-7-8-10-12mm

■ Telescoping gauge

- ☐ It is used to measure internal diameter or internal through-groove of the workpiece by comparative method.
- ☐ The readings can be shown on the external microemter 6pcs/set.



Model No.	For shafts of dias up to
541-150	8-12.7mm(5/16-1/2")
	12.7-19mm(1/2-3/4")
	19-32mm(3/4-1 1/4")
	32-54mm(1 1/4- 2 1/8")
	54-90mm(2 1/8- 3 1/2")
	90-150mm (3 1/2- 6")

Steel gauge block

Grade 0,1,2

Model No.	Quantity (pcs)	Size(mm)	Step(mm)
1202-1-0	8	125-175	25
1202-1-1		200-250	50
1202-1-2		300-500	100
1202-2-0	32	1.005	
		1.01-1.09	0.01
1202-2-1		1.1-1.9	0.1
		1-9	1
1202-2-2		10-30	10
	47	50	
1202-3-0		1.005	
		1.01-1.19	0.01
1202-3-1		1.2-1.9	0.1
		1-9	1
1202-3-2		10-100	10
	83	1.005	
1202-4-0		1.01-1.49	0.01
		1.6-1.9	0.1
1202-4-1		0.5-9.5	0.5
1202-4-2		10-100	10



Model No.	Quantity (pcs)	Size(mm)	Step(mm)
1202-5-0	112	1.0005	
		1.001-1.009	0.001
1202-5-1		1.01-1.49	0.01
		0.5-24.5	0.5
1202-5-2		25-100	25

Tungsten carbide gauge block

Grade 0,1,2

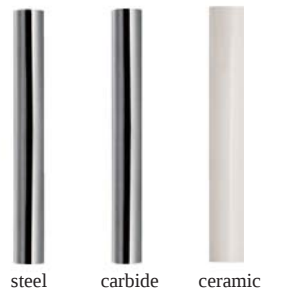
Model No.	Quantity (pcs)	Size(mm)	Step(mm)
1204-2-0	32	1.005	
		1.01-1.09	0.01
1204-2-1		1.1-1.9	0.1
		1-9	1
1204-2-2		10-30	10
	47	50	
1204-3-0		1.005	
		1.01-1.19	0.01
1204-3-1		1.2-1.9	0.1
		1-9	1
1204-3-2		10-100	10
	83	1.005	
1204-4-0		1.01-1.49	0.01
		1.6-1.9	0.1
1204-4-1		0.5-9.5	0.5
1204-4-2		10-100	10



Model No.	Quantity (pcs)	Size(mm)	Step(mm)
1204-5-0	112	1.0005	
		1.001-1.009	0.001
1204-5-1		1.01-1.49	0.01
		0.5-24.5	0.5
1204-5-2		25-100	25

Pin gauge

Material	Length(mm)	Tolerance(mm)	Cylindri.(μm)
Steel	10-70	±0.5	0.5
Carbide	10-70	±1.0	0.8
Ceramic	10-70	±1.5	1.2



Model No.	Size	Quantity	Step(mm)
1201-1	1.01-2.00	100	0.01
1201-2	2.01-3.00	100	0.01
1201-3	3.01-4.00	100	0.01
1201-4	4.01-5.00	100	0.01
1201-5	5.01-6.00	100	0.01
1201-6	6.01-7.00	100	0.01
1201-7	7.01-8.00	100	0.01
1201-8	8.01-9.00	100	0.01
1201-9	9.01-10.00	100	0.01
1201-10	1.00-5.00	41	0.01
1201-11	5.00-10.00	51	0.01
1201-12	10.00-15.00	51	0.01
1201-13	15.00-20.00	51	0.01
1201-14	1.00-10.00	91	0.01
1201-15	1.00-5.00	81	0.05
1201-16	0.505-1.005	51	0.01
1201-17	1.005-2.005	51	0.01
1201-18	1.505-2.005	51	0.01
1201-19	2.005-2.505	51	0.01
1201-20	2.505-3.005	51	0.01
1201-21	3.005-3.505	51	0.01
1201-22	3.505-3.525	51	0.01
1201-23	4.005-4.025	51	0.01
1201-24	4.505-4.525	51	0.01
1201-25	5.005-5.025	51	0.01
1201-26	5.505-5.525	51	0.01
1201-27	6.005-6.025	51	0.01
1201-28	6.505-6.525	51	0.01
1201-29	7.005-7.025	51	0.01
1201-30	7.505-7.525	51	0.01
1201-31	8.005-8.025	51	0.01
1201-32	8.505-8.525	51	0.01
1201-33	9.005-9.025	51	0.01
1201-34	9.505-9.525	51	0.01
1201-35	0.20-0.22	31	0.01
1201-36	0.50-1.00	51	0.01
1201-37	1.00-1.50	51	0.01
1201-38	1.50-2.00	51	0.01

Model No.	Size(mm)	Quantity	Step(mm)
1201-39	2.00-2.50	51	0.01
1201-40	2.50-3.00	51	0.01
1201-41	3.00-3.50	51	0.01
1201-42	3.50-4.00	51	0.01
1201-43	4.00-4.50	51	0.01
1201-44	4.50-5.00	51	0.01
1201-45	5.00-5.02	51	0.01
1201-46	5.50-5.52	51	0.01
1201-47	6.00-6.02	51	0.01
1201-48	6.50-6.52	51	0.01
1201-49	7.00-7.02	51	0.01
1201-50	7.50-7.52	51	0.01
1201-51	8.00-8.02	51	0.01
1201-52	8.50-8.52	51	0.01
1201-53	9.00-9.02	51	0.01
1201-54	9.50-9.52	51	0.01
1201-55	10.00-10.02	51	0.01
1201-56	10.50-10.52	51	0.01
1201-57	11.00-11.02	51	0.01
1201-58	11.50-11.52	51	0.01
1201-59	12.00-12.02	51	0.01
1201-60	12.50-12.52	51	0.01
1201-61	13.00-13.02	51	0.01
1201-62	13.50-13.52	51	0.01
1201-63	14.00-14.02	51	0.01
1201-64	14.50-14.52	51	0.01
1201-65	15.00-15.02	51	0.01
1201-66	15.50-15.52	51	0.01
1201-67	16.00-16.02	51	0.01
1201-68	16.50-16.52	51	0.01
1201-69	17.00-17.02	51	0.01
1201-70	17.50-17.52	51	0.01
1201-71	18.00-18.02	51	0.01
1201-72	18.50-18.52	51	0.01
1201-73	19.00-19.02	51	0.01
1201-74	19.50-20.00	51	0.01
1201-75	0.500-0.750	51	0.005
1201-76	0.750-0.765	51	0.005

Model No.	Size(mm)	Quantity	Step(mm)
1201-77	1.000-1.015	51	0.005
1201-78	1.250-1.265	51	0.005
1201-79	1.500-1.515	51	0.005
1201-80	1.750-1.765	51	0.005
1201-81	2.000-2.015	51	0.005
1201-82	2.250-2.265	51	0.005
1201-83	2.500-2.515	51	0.005
1201-84	2.750-2.765	51	0.005
1201-85	3.000-3.015	51	0.005
1201-86	3.250-3.265	51	0.005
1201-87	3.500-3.515	51	0.005
1201-88	3.750-3.765	51	0.005
1201-89	4.000-4.015	51	0.005
1201-90	4.250-4.265	51	0.005
1201-91	4.500-4.515	51	0.005
1201-92	4.750-4.765	51	0.005
1201-93	5.000-5.015	51	0.005
1201-94	5.250-5.265	51	0.005
1201-95	5.500-5.515	51	0.005
1201-96	5.750-5.765	51	0.005
1201-97	6.000-6.015	51	0.005
1201-98	6.250-6.265	51	0.005
1201-99	6.500-6.515	51	0.005
1201-100	6.750-6.765	51	0.005
1201-101	7.000-7.015	51	0.005
1201-102	7.250-7.265	51	0.005
1201-103	7.500-7.515	51	0.005
1201-104	7.750-7.765	51	0.005
1201-105	8.000-8.015	51	0.005
1201-106	8.250-8.265	51	0.005
1201-107	8.500-8.515	51	0.005
1201-108	8.750-8.765	51	0.005
1201-109	9.000-9.015	51	0.005
1201-110	9.250-9.265	51	0.005
1201-111	9.500-9.515	51	0.005
1201-112	9.750-9.765	51	0.005

Ceramic gauge block

Model No.	Quantity(pcs)	Size(mm)	Step(mm)
1203-2-K	32	1.005	
		1.01-1.09	0.01
1203-2-0		1.1-1.9	0.1
		1-9	1
1203-2-1	47	10-30	10
		50	
1203-3-K		1.005	
		1.01-1.49	0.01
1203-3-0	83	1.2-1.9	0.1
		1-9	1
1203-3-1		10-100	10
1203-4-K		1.005	
		1.01-1.49	0.01
1203-4-0		1.6-1.9	0.1
		0.5-9.5	0.5
1203-4-1		10-100	10



Model No.	Quantity(pcs)	Size(mm)	Step(mm)
1203-5-K	112	1.0005	
		1.001-1.009	0.001
1203-5-0		1.01-1.49	0.01
		0.5-24.5	0.5
1203-5-1		25-100	25

Gauge block for caliper inspection



Model No.	Total quantity	Size	For caliper
1206-1	6	41.2, 81.5, 121.8, 10, 20, 20	0-125mm, 0-150mm
1206-3	6	51.2, 121.5, 191.8, 10, 20, 20	0-200mm
1206-4	12	10, 20, 20, 41.2, 51.2, 81.5, 101.2	0-125mm, 0-150mm, 0-200mm, 0-300mm
1206-5	6	101.2, 200, 291.5, 375, 451.8, 490	0-500mm
1206-6	6	201.2, 400, 581.5, 750, 901.8, 990	0-1000mm

Gauge block for micrometer inspection

Model No.	Total quantity	Size	For micrometer
1207-1	10pcs	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25	0-25mm
1207-3	10pcs	27.5, 30.1, 32.7, 35.3, 37.9, 40, 42.6, 45.2, 47.8, 50	25-50mm
1207-4	10pcs	52.5, 55.1, 57.7, 60.3, 62.9, 65, 67.6, 70.2, 72.8, 75	50-75mm
1207-5	10pcs	77.5, 80.1, 82.7, 85.3, 87.9, 90, 92.6, 95.2, 97.8, 100	75-100mm



Gauge block accessory

Model No.	1205-01	1205-02	1205-03
total quantity	16pcs	15pcs	12pcs
holder 50mm	1pc	1pc	1pc
holder 100mm	1pc	1pc	1pc
holder 200mm	1pc	1pc	1pc
holder base 25mm	1pc		1pc
half round jaw 2mm	2pcs	2pcs	2pcs
half round jaw 5mm	2pcs	2pcs	2pcs
half round jaw 10mm	2pcs	2pcs	
plain jaw 100mm	2pcs	2pcs	
scriber point	1pc	1pc	1pc
center point	1pc	1pc	1pc
triangular straight edge jaw 60mm	2pcs	2pcs	



Spirit level

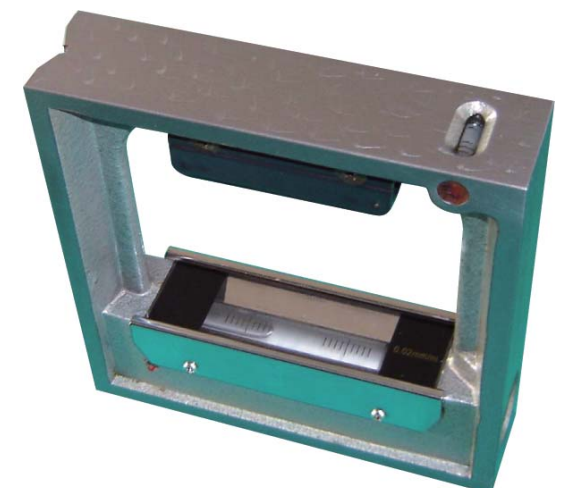
Model No.	Size	Accuracy
1501-84	84mm	0.02mm
1501-100	100mm	0.02mm
1501-150	150mm	0.02mm
1501-200	200mm	0.02mm
1501-250	250mm	0.02mm
1501-300	300mm	0.02mm
1501-84	3.3"	0.0002"
1501-100	4"	0.0002"



Model No.	Size	Accuracy
1501-150	6"	0.0002"
1501-200	8"	0.0002"
1501-250	10"	0.0002"
1501-300	12"	0.0002"

Frame level

Model No.	Size	Accuracy
1502-100	100x100mm	0.02mm
1502-150	150x150mm	0.02mm
1502-200	200x200mm	0.02mm
1502-250	250x250mm	0.02mm
1502-300	300x300mm	0.02mm
1502-4	4x4"	0.0002"
1502-6	6x6"	0.0003"
1502-8	8x8"	0.0004"
1502-10	10x10"	0.0005"
1502-12	12x12"	0.0006"



Thread plug gauge

- Accuracy grade 6H (optional grade 5H,6G,7H)
- Large sizes are available upon request
- Standard DIN13 or ISO 1502-96
- Double ends with Go and No Go

Model No.	Size	Pitch	Model No.	Size	Pitch
1002-002	M2.0	0.40	1002-024	M24.0	3.00
1002-0022	M2.2	0.45	1002-027	M27.0	3.00
1002-0025	M2.5	0.45	1002-030	M30.0	3.50
1002-003	M3.0	0.50	1002-033	M33.0	3.50
1002-0035	M3.5	0.60	1002-036	M36.0	4.00
1002-004	M4.0	0.70	1002-039	M39.0	4.00
1002-005	M5.0	0.80	1002-042	M42.0	4.00
1002-006	M6.0	1.00	1002-045	M45.0	4.00
1002-008	M8.0	1.25	1002-048	M48.0	4.00
1002-010	M10.0	1.50	1002-052	M52.0	4.00
1002-012	M12.0	1.75	1002-056	M56.0	5.50
1002-014	M14.0	2.00	1002-060	M60.0	5.50
1002-016	M16.0	2.00	1002-064	M64.0	6.00
1002-018	M18.0	2.50	1002-068	M68.0	6.00
1002-020	M20.0	2.50	1002-072	M72.0	6.00
1002-022	M22.0	2.50	1002-076	M76.0	6.00



Model No.	Size	Pitch	Model No.	Size	Pitch
1002-080	M80.0	6.00	1002-110	M110.0	6.00
1002-085	M85.0	6.00	1002-115	M115.0	6.00
1002-090	M90.0	6.00	1002-120	M120.0	6.00
1002-095	M95.0	6.00	1002-125	M125.0	6.00
1002-100	M100.0	6.00	1002-130	M130.0	6.00
1002-105	M105.0	6.00	1002-140	M140.0	6.00

Thread ring gauge

- Accuracy grade 6g (optional grade 6e,8g)
- Large sizes are available upon request
- Standard DIN13 or ISO 1502-96

Model No.	Size	Pitch	Model No.	Size	Pitch
1001-002	M2.0	0.40	1001-027	M27.0	3.00
1001-0022	M2.2	0.45	1001-030	M30.0	3.50
1001-0025	M2.5	0.45	1001-033	M33.0	3.50
1001-003	M3.0	0.50	1001-036	M36.0	4.00
1001-0035	M3.5	0.60	1001-039	M39.0	4.00
1001-004	M4.0	0.70	1001-042	M42.0	4.00
1001-005	M5.0	0.80	1001-045	M45.0	4.00
1001-006	M6.0	1.00	1001-048	M48.0	4.00
1001-008	M8.0	1.25	1001-052	M52.0	4.00
1001-010	M10.0	1.50	1001-056	M56.0	5.50
1001-012	M12.0	1.75	1001-060	M60.0	5.50
1001-014	M14.0	2.00	1001-064	M64.0	6.00
1001-016	M16.0	2.00	1001-068	M68.0	6.00
1001-018	M18.0	2.50	1001-072	M72.0	6.00
1001-020	M20.0	2.50	1001-076	M76.0	6.00
1001-022	M22.0	2.50	1001-080	M80.0	6.00
1001-024	M24.0	3.00	1001-085	M85.0	6.00



Model No.	Size	Pitch	Model No.	Size	Pitch
1001-090	M90.0	6.00	1001-115	M115.0	6.00
1001-095	M95.0	6.00	1001-120	M120.0	6.00
1001-100	M100.0	6.00	1001-125	M125.0	6.00
1001-105	M105.0	6.00	1001-130	M130.0	6.00
1001-110	M110.0	6.00	1001-140	M140.0	6.00

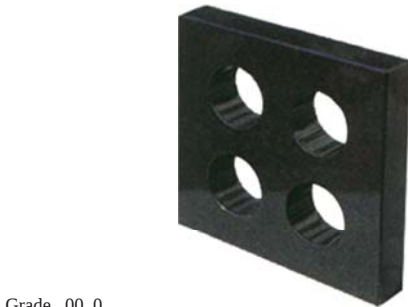
Granite parallel



Grade 00, 0

Model No.	Size
1300-160	160x25x16
1300-250	250x40x25
1300-400	400x63x40
1300-450	450x75x40
1300-630	630x100x63

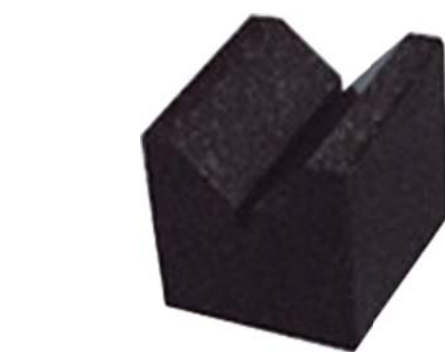
Granite square ruler



Grade 00, 0

Model No.	Size	Model No.	Size
1302-200	200x200x35	1302-400	400x400x45
1302-250	250x250x40	1302-400A	400x200x40
1302-315	315x315x45	1302-500	500x500x60

Granite vee block



Grade 00, 0

Model No.	Size	Model No.	Size
1304-40	63x63x40	1304-100	160x160x80
1304-63	100x100x50	1304-160	250x250x120

Granite straight edge



Grade 00, 0

Model No.	Size
1301-400	400x60x35
1301-630	630x100x50
1301-1000	1000x160x50
1301-1600	1600x200x80
1301-2000	2000x250x100

Granite square



Grade 00, 0

Model No.	Size	Model No.	Size
1303-160	160x100x25	1303-500	500x315x60
1303-250	250x160x35	1303-630	630x400x70
1303-300	300x200x40	1303-1000	1000x630x100
1303-400	400x250x50		

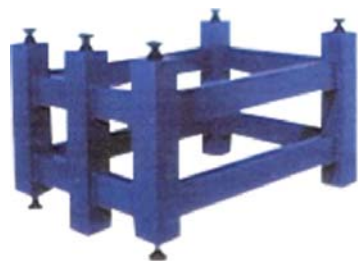
Granite inspection surface plate



Grade 00, 0

Model No.	Size(mm)	Model No.	Size(mm)
1101-03020	300x200x50	1101-10063	1000x630x150
1101-03030	300x300x70	1101-12080	1200x800x150
1101-04025	400x250x70	1101-160100	1600x1000x180
1101-06340	630x400x100	1101-200160	2000x1600x250
1101-08050	800x500x130		

Stand for granite surface plate



Model No.	Size
1102-06340	630*400*100
1102-08050	800*500*130



Model No.	Size
1102-10063	1000*630*150
1102-12080	1200*800*150



Cast iron surface plate

- ☐ Grade 0 is standard, Grade 1,2 are optional.

Model No.	Size
1103-03030	300*300*50
1103-04030	400*300*50
1103-04040	400*400*70
1103-06340	630*400*100
1103-06363	630*630*100
1103-08060	800*600*100
1103-10063	1000*630*130
1103-10075	1000*750*150
1103-100100	1000*1000*150



Model No.	Size
1103-160100	1600*1000*200
1103-200100	2000*1000*200
1103-160160	1600*1600*300
1103-200160	2000*1600*300

Stand for cast iron surface plate



Model No.	Size
1103-04030	400*300*50
1103-06340	630*400*100
1103-08060	800*600*100
1103-10063	1000*630*130
1103-160100	1600*1000*200
1103-200100	2000*1000*200

Excentricity tester

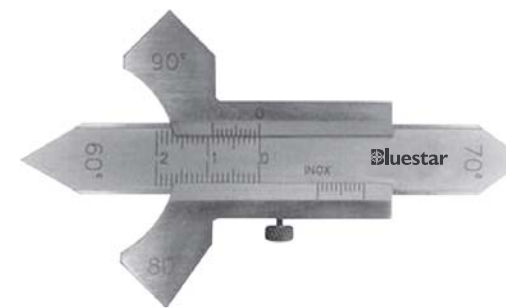
- ☐ Used for accurate concentricity inspection
☐ MT2 centres are hardened and ground
☐ Indicator holder included, indicator not included
☐ Hand scraped ways, adjustable gibs



Model No.	Dis. Between centre	Swing
1104-300	300mm/12"	200mm
1104-500	500mm/20"	300mm
1104-1000	1000mm/40"	475mm

Vernier welding gauge

- ☐ To measure the welding thickness
☐ Has four angle samples



Model No.	Range (mm)	Resolution
601-1	0-20	0.02

Digital welding gauge



Model No.	Range (mm)	Resolution
602-1	0-20/0.8"	0.01/0.0005"

3D taster



Model No.	Movement	Graduation value	Accuracy	Diameter of holding bar
801-1	Radial0-10	Radial0.01	0.008mm	20mm
	Axial0-6	Axial0.0032		

Zero setter

- ☐ For vertical and horizontal set
☐ Magnetic base



Model No.	Height	Graduation
802-1	50mm	0.01mm
802-2	2"	0.001"

Z-Axis preset gauge

- ☐ Dial gauge allows the operator to read amount of over travel
☐ Zero set and test function
☐ Magnetic base
☐ 100mm height



Model No.	Range (mm)	Resolution
805-1	1.5mm	0.01mm

Electronic zero setter

- ☐ For vertical and horizontal set
☐ Magnetic base



Model No.	Height
803-1	50mm
803-2	2"

Centering indicator



Model No.	Range	Graduation
804-1	0-3mm	0.01mm
804-2	0-0.15"	0.0005"

Scriber



Model No.	Length
901-1	150mm



Model No.	Length
902-1	120mm

Parallel

Model No.	Quantity(pairs)	Length(inch)	Thickness(inch)	Height(inch)
1401-48	8	6"	1/2"	7/8"
1401-49	8	6"	1/2"	1"
1401-50	8	6"	1/2"	1-1/8"
1401-51	8	6"	1/2"	1-1/4"
1401-52	8	6"	1/2"	1-3/8"
1401-53	8	6"	1/2"	1-1/2"
1401-54	8	6"	1/2"	1-5/8"
1401-55	8	6"	1/2"	1-3/4"
1401-56	9	6"	1/4"	3/4"
1401-57	9	6"	1/4"	7/8"
1401-58	9	6"	1/4"	1"
1401-59	9	6"	1/4"	1-1/8"
1401-60	9	6"	1/4"	1-1/4"
1401-61	9	6"	1/4"	1-3/8"
1401-62	9	6"	1/4"	1-1/2"
1401-63	9	6"	1/4"	1-5/8"
1401-64	9	6"	1/4"	1-3/4"
1401-65	10	6"	1/8"	1/2"
1401-66	10	6"	1/8"	5/8"
1401-67	10	6"	1/8"	3/4"
1401-68	10	6"	1/8"	7/8"
1401-69	10	6"	1/8"	1"
1401-70	10	6"	1/8"	1/8"
1401-71	10	6"	1/8"	1/4"
1401-72	10	6"	1/8"	3/8"
1401-73	10	6"	1/8"	1/2"
1401-74	10	6"	1/8"	5/8"
1401-75	20	6"	1/32"	1/2"
1401-76	20	6"	1/32"	9/16"
1401-77	20	6"	1/32"	5/8"
1401-78	20	6"	1/32"	11/16"
1401-79	20	6"	1/32"	3/4"
1401-80	20	6"	1/32"	13/16"
1401-81	20	6"	1/32"	7/8"
1401-82	20	6"	1/32"	15/16"
1401-83	20	6"	1/32"	1"
1401-84	20	6"	1/32"	1-1/16"
1401-85	20	6"	1/32"	1-1/8"
1401-86	20	6"	1/32"	1-3/16"
1401-87	20	6"	1/32"	1-1/4"
1401-88	20	6"	1/32"	1-5/16"
1401-89	20	6"	1/32"	1-3/8"
1401-90	20	6"	1/32"	1-7/16"
1401-91	20	6"	1/32"	1-1/2"
1401-92	20	6"	1/32"	1-9/16"
1401-93	20	6"	1/32"	1-5/8"
1401-94	20	6"	1/32"	1-11/16"



Double-end scriber



Model No.	Length
903-1	225mm

Plastic handle scriber



Model No.	Length
904-1	250mm

Parallel

Model No.	Quantity (pairs)	Length (mm)	Thickness (mm)	Height(mm)
1401-1	6	120	4	10,15,20,25,30,35
1401-2	7	120	8	10,15,20,24,30,35,40
1401-3	7	160	4	10,15,20,24,30,35,40
1401-4	7	95	3	10,12
1401-5	7	95	4	14
1401-6	7	95	6	18,24
1401-7	7	95	8	30,38
1401-8	7	150	8.5	10,15,20,24,30
1401-9	7	150	12.6	38,44
1401-10	8	120	8	12,17,22,25,28,32,36,38
1401-11	8	160	8	12,17,22,25,28,32,36,38
1401-12	8	200	8	17,22,25,28,32,36,38,43
1401-13	9	100	4	10,14,18,22,26,30,34,38,42
1401-14	9	160	4	10,14,18,22,26,30,34,38,42
1401-15	9	150	8.5	14,16,20,24,30,32,36,40,44
1401-16	9	160	4	10,14,18,22,26,30,34,38,42
1401-17	9	150	8.5	14,16,20,24,30,32,36,40,44
1401-18	9	100	8.5	14,16,20,24,30,32,36,40,44
1401-19	9	100	5	16
1401-20	9	100	6	18
1401-21	9	100	8	24
1401-22	9	100	10	30
1401-23	9	150	12	36
1401-24	9	150	14	48
1401-25	9	150	18	60
1401-26	9	150	22	62
1401-27	9	200	31	15
1401-28	10	150	10	14,16,18,20,22,24,26,28,30,32
1401-29	12	120	10	14,16,18,20,22,24,26,28,30,32,35,40
1401-30	12	150	10	14,16,18,20,22,24,26,28,30,32,35,40
1401-31	14	150	3	14,16,18,20,22,24,26,28,30,32,35,4,45,50
1401-32			4	14,16,18,20,22,24,26,28,30,32,35,4,45,50
1401-33			5	14,16,18,20,22,24,26,28,30,32,35,4,45,50
1401-34	20	100	10	14,16,18,20,22,24,26,28,30,32,35,4,45,50
1401-35			2	5,10,15,20
1401-36			3	6,11,16,21
1401-37	24	125	4	7,12,17,22
1401-38			5	8,13,18,23
1401-39			6	9,14,19,24
1401-40	24	150	8	11,16,21,26,31,36
1401-41			10	13,18,23,28,33,38
1401-42			12	15,20,25,30,35,40
1401-43	24	150	14	17,22,27,32,42
1401-44			8	11,16,21,26,31,36
1401-45			10	13,18,23,28,33,38
1401-46	24	150	12	15,20,25,30,35,40
1401-47			14	17,22,27,32,42



■ Ultrasonic thickness gauge

- Measuring range:1.0-200mm,0.05-8inch
- Resolution:0.1mm
- Accuracy:±(0.5%n+0.1)



Code:1601-8812

■ Thickness gauge

- Measuring range:0.75mm-300mm(in steel)
- Resolution:0.1mm/0.01mm selectable
- Accuracy:±(0.5%thickness+0.04)



Code:1601-160

■ Coating thickness gauge

- Measuring range:0-1250um/0-50mil
- Resolution:0.1/1
- Accuracy:±1-3%n or ±2.5um
- In built probe



Code:1602-8825

■ Coating thickness gauge

- Measuring range:0-1250um/0-50mil
- Resolution:0.1/1
- Accuracy:±1-3%n or ±2.5um
- With separate probe



Code:1602-8826

■ Glass thickness gauge

- Range: Glass thickness scale 70mm, air space scale 34mm
- Resolution:±0.5mm



Code:1602-200

■ Rockwell hardness tester

- Measuring range:20-88HRA, 20-100HRB,20-70HRC
- Max.height of test piece:170mm
- Depth of throat:135mm
- Min. scale value:0.5HR



Code:1603-150A

■ Electronic rockwell hardness tester

- Measuring range:20-88HRA, 20-100HRB,20-70HRC
- Max.height of test piece:210mm
- Depth of throat:165mm
- Min. scale value:0.1HR



Code:1603-S150

■ Leeb hardness tester

- Measuring range:200-900HLD,30-650HB, 32.5-99.5HSD,20-100HRB, 20-68HRC,80-940HV
- Operating temperature:0-45°C
- Relative humidity:<90%RH



Code:1603-2100

■ Portable hardness tester

- Measuring range:HLD(170~960)HLD
- Hardness Scale:HL,HB,HRB, HRC,HRA,HV,HS
- Data memory:100group max.
- Impact device:D,C,DC,DL, G,D+15,E



Code:1603-320A/C/D

■ Micro hardness tester

- Measuring range:8-2900HV
- Max.height of test piece:80mm
- Depth of throat:95mm
- Min. scale value:0.031μm
- Conversion Scale: HRA,HRB,HRC, HRD,HRE,HV,HK,HBW,HR15N, HR30N,HR45N,HR15T,HR30T,HR45T



Code:1603-HV1000MD

■ Electronic shore hardness tester

- Measuring range: 10-90HA/C/D
- Measuring deviation:≤1%HA/C/D
- Resolution:0.1HA/C/D



Code:1603-6510A/C/D

■ Shore hardness tester

- Measuring range: 0-100HA/C/D
- Resolution:1HA/C/D



Code:1603-100A/C/D

Electronic shore hardness tester

- Measuring range: 0-100HA
- Resolution: 0.5HA



Code:1603-E100A

Vibration meter

- Acceleration: 10Hz-1KHz 0.1-200m/ms² 20.1-400m/ms²
10Hz-10KHz 0.3-200ft/ms² 0.3-1312ft/ms²
- Velocity: 10Hz-1KHz 0.1-8.0inch/s 0.1-400mm/s
- Displacement: 10Hz-1KHz 0.001-2.0mm 0.001-4.0mm
- Accuracy: <5%



Code:1605-6360

High Precision surface roughness tester

- Max. drive travel length: 17.5mm/0.7inch
- Accuracy: <±10%
- Fluctuation of display value: <6%
- Data storage: 2M+2G Byte
- Interface: USB 2.0
- Optional sensors: RS100, RS110, RS130, RS131



Code:1604-SR200



Surface roughness tester

- Display: 4 lights, 10mm LCD, with blue backlight
- Accuracy: ≤10%
- Fluctuation of display value: ≤6%



Code:1604-6200

Air flow anemometer

- Display: 0.5"(13mm)4-digi LCD
- Measurement unit:
Air Velocity: m/s, km/h, ft/min, knots
- Data memorized: 24 groups



Code:1606-4836V

Hot-wire anemometer

- Temperature range: -10 to 45 °C (±2 °C)
- Air velocity range: 0.3 to 45m/s
- Air volume range: 0 to 999900m³/min
- Resolution: 0.1m/s, 0.2 °C



Code:1606-866

Multifunctional moisture meter

- Wood over 150 pieces
- Building moisture: 0-50%
- Measuring range: 0-80%
- Resolution: 0.1



Code:1607-7825PS

Grain moisture meter

- Measuring range: 6-30%
- Resolution: 0.1
- PC interface: RS232C (software & communicating cable are optional)



Code:1607-7825G

Humidity & temperature meter

- Temperature range: -10 to 50 °C (±1 °C)
- Humidity range: 10%RH to 99%RH (±3%RH)
- Resolution: 0.1 °C / 0.1%RH
- Large LCD temperature/humidity dual display



Code:1607-837

Sound level

- Measuring range: LP: 30-130dB(A) 35-130dB (C) 35-130dB(F)
Leq: 30-130dB LN: 0-100%
- Resolution: 0.1dB
- Memory: Max. value (30 groups)



Code:1608-5868P

Sound level

- Measuring range: 30 to 130dB(A) 35 to 130dB (C)
- Accuracy: ±1.5dB
- Resolution: 0.1dB



Code:1608-824

Digital ultrasonic flaw detector

- Range: 0-9999mm
- Bandwidth: 0.5-15MHz
- Material velocity: 1000-9999m/s
- Resolution: >40dB(5P14)



Code:1609-MFD500

Digital clamp meter

Code:1610-266

- Full range overcurrent protection, low power consumption
- With original design double display, anti-dropping capacity
- Jaw size:45mm
- 9V battery

Function	Range	Accuracy
DC Voltage	1000V	±(0.5%+1dgt)
AC Voltage	200-750V	±(1.2%+4dgt)
AC Current	200A-1000A	±(2.5%+5dgt)
Resistance	200Ω-20KΩ	±(1.0%+2dgt)



Digital multimeter

Code:1610-64

- Power supply: 9V battery 6F22

Function	Range	Accuracy
DC Voltage	200mV-1000V	±(0.5%+1dgt)
AC Voltage	20V-700V	±(0.8%+3dgt)
DC Current	2mA-10A	±(1.0%+1dgt)
AC Current	20mA-10A	±(1.2%+3dgt)
Resistance	200Ω-200MΩ	±(0.8%+1dgt)
Capacitance	2nF-20μF	±(4.0%+3dgt)
Frequency	20KHz	±(1.5%+5dgt)
Temperature	minus 20°C-1400°C	±(3.0%+3dgt)



Digital multimeter

Code:1610-8211D

- Pen-type design and autoranging
- Built-in no-contact voltage detector
- Retractable tip design
- Data hold and MAX hold



Function	Range	Accuracy
DC Voltage	200mV-600V	±(0.7%+2dgt)
AC Voltage	200mV-200V	±(0.8%+3dgt)
DC Current	20mA-200mA	±(1.0%+3dgt)
AC Current	20mA-200mA	±(1.5%+3dgt)
Resistance	200Ω-20MΩ	±(1.0%+3dgt)

Range finder

- Three memories for length, width and height measurements
- Range from 0.6 to 18.3m
- Accuracy:±(0.5%+1digit)
- Meter or feet conversion
- Auto power off
- With patent



Code:1611-3007

Electronic distance meter

Code:1611-PD serials

- Power supply: 2x1.5V AAA battery

	1611-PD14	1611-PD16	1611-PD548	1611-PD568
Range	0.05-40m	0.05-60m	0.05-40m	0.05-60m
Accuracy	±1.5m	±1.5m	±1.5m	±1.5m
Type	indoor	indoor	indoor	indoor
Data storage		99		99
Protection level	IP54	IP54	IP54	IP54
Key	5 keys	7 keys	5 keys	7 keys



Photo contact tachometer

- 5 digits 18mm(0.6")LCD
- Accuracy:±(0.05%+1digit)
- Detecting distance:50-500mm
- Photo Tach:2.5-99999RPM
- Contact Tach:0.5-1999.9RPM
- Surface speed:0.05-1999.9m/min



Code:1612-2236B

Stroboscope

- Range: 50-12000FPM
- Accuracy:± (0.05% n + 1 d)
- Sampling time:0.3seconds



Code:1613-2250PA

Refractometer

- Brix:0-18%
- Accuracy:0.1%
- Resolution:±0.10%



Code:1614-18ATC

Digital Refractometer

- Brix:0-45%
- Accuracy:0.1%
- Resolution:±0.20%



Code:1614-45

PH Meter

- Range: 0.00 to 14.00Ph
- Resolution: 0.01pH
- Waterproof and changeable electrode



Code:1615-03

PH Meter

- Range: 0.00 to 14.00Ph
- Resolution: 0.01pH
- Working temperature: 0 to 50Celsius



Code:1615-09

Concrete test hammer

- Range:10-60Mpa
- Length of spring stretch:75±0.3mm
- Impact energy:2.207±0.1J



Code:1616-225

Portable microscope

- Total magnification:100x
- Eyeiece:10x
- Focus range:30mm
- Height of microscope:210mm



Code:1617-100L

Electronic borescope

- Tube dimension:D7.8X1000 mm
- Probe dimension:Φ9.0mm
- Imaging sensor:1/10" Color CMOS
- Focus distance: 30mm-100mm



Code:1618-7810C

Electronic borescope

- Image display: 3.5" TFT/LCD
- Camera dimension:Φ12.0mm
- Camera head and probe are IP67 water-proof



Code:1618-160A

Palm scope

- Viewable angle:60°
- Dia. of camera head:φ9mm/φ5.5mm
- Image display: 2.7" TFT/LCD
- Camera head and probe are IP67 protection



Code:1618-2709

Infrared thermometer

- Temperature range:-50°C~1150°C
- Accuracy: ±1.5% or ±1.5°C
- Distance spot ratio:20:1
- Resolution:0.1°C



Code:1619-872D

Infrared thermometer

- Temperature range:-50°C~1300°C
- Accuracy: ±2% or ±2°C
- Distance spot radio:16:1
- Resolution:0.1°C



Code:1619-1300

Portable infrared thermometer

- Temperature range:-30°C~275°C
- Accuracy: ±1.5% or ±1°C
- Distance spot radio:4:1
- Resolution:0.1°C



Code:1619-970A

Metal detector



Code:1620-924

- Detectable indication:LCD/Audio
- Explore frequency:455KHz±2kHz
- Explore depth: 1.5m

Metal detector



Code:1620-1005

- Adjustable sensitivity>10cm
- 170mm waterproof serch coil, can be used under shallow water
- 3.5mm headphone jack

■ Metal Detector

- Adjustable sensitivity>12cm
- 205mm waterproof search coil
- 3.5mm headphone jack



Code:1620-1006

■ Automatic laser level

- Accuracy: horizontal rotation $\pm 10''$ vertical rotation $\pm 15''$
- Self-leveling range: $\pm 5^\circ$
- Working range: Dia.300m
- Rotation speed: 2-600rpm



Code:1621-300

■ Total station

- Incremental mode:
2 signals for horizontal,
1 signal for vertical
- Accuracy: 2"
- Sensor: 0.1"

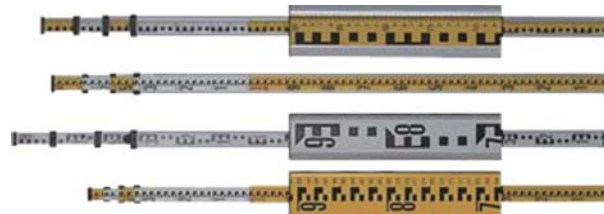


Code:1622-802E

■ Aluminium tripod and wooden tripod



■ 4 meter and 5 meter aluminium staff



■ Measuring wheel

Code:1615-316



■ Digital measuring wheel

- Control panel located near handle
- Area or volume can be automatic computed by calculator in sets
- Built in kickstand
- Auto power off after 3 minutes
- Power: 4pcs AAA batteries



Model No.	Range	Accuracy
1615-318	0-999,999.9m/inch/yard	0.1m/inch/yard

■ Mini ultrasonic cleaner



Model No.	Capacity (L)	Sink size: L x W x H (mm)	Ultrasonic Power(W)
1616-800	0.6	155×95×52	35
1616-1200	1.3	175×145×70	60

■ Smart ultrasonic cleaner

- Normal and soft power control to resolve the cleaning blind spot
- Automatically ultrasonic frequency tracking
- LED display for temperature and timer
- Memory function



Model No.	Capacity (L)	Sink size: L x W x H (mm)	Ultrasonic Power(W)
1616-1620	2	150×140×100	50
1616-1730	3	240×140×100	100
1616-1860	6	300×155×150	150
1616-1990	10	300×240×150	200
1616-2013	15	355×325×150	300
1616-2120	20	530×325×150	400
1616-2227	30	530×325×200	500

■ Electronic scales

Pocket Scales

Model No.	range/Accuracy
1617-PS50	50g/0.01g
1617-PS100	100g/0.01g
1617-PS200	200g/0.01g
1617-PS300	300g/0.01g
1617-PS500	500g/0.01g



Bench weighing scales

Model No.	range/Accuracy
1617-MACSW003	3kg/0.1-1g
1617-MACSW006	6kg/0.2-2g
1617-MACSW010	10kg/0.5-5g
1617-MACSW020	20kg/1-5g
1617-MACSW030	30kg/1-10g



Digital disc brake gauge

- ☐ Two-way measuring force control device optional
- ☐ Data output for printer and computer interfacing
- ☐ External jaw for disk brake measurement



Model No.	Range	Resolution
DBG-2	0-140mm/0-6"	0.01mm/0.0005"

Digital drum gauge

- ☐ High contrast LCD display
- ☐ Solid harden stainless steel body
- ☐ Supplied complete with setting gauge, adjustment tool and carry-case



Model No.	Range	Resolution
DDG-2	20-530mm/0.8-20.65"	0.01mm/0.0005"

Digital disc brake gauge



Model No.	Range	Resolution
DRG-3	0-150mm/0-6"	0.01mm/0.0005"

Digital disc brake gauge

- ☐ Small one
- ☐ Detail specification is upon request



Model No.	Range	Resolution
DRG-100	0-100mm/0-4"	0.01mm/0.0005"
DRG-150	0-150mm/0-6"	0.01mm/0.0005"

Digital drum gauge



Model No.	Range	Resolution
DDG-4A	300mm/12"	0.01mm/0.0005"
DDG-4B	500mm/20"	0.01mm/0.0005"

Digital tyre thread depth gauge

- ☐ High contrast LCD display
- ☐ Solid harden stainless steel body
- ☐ Thread depth gauge



Model No.	Range	Resolution
DTDG-1	0-25mm/0-1"	0.01mm/0.0005"

Digital tyre gauge

- ☐ Auto power off, 3V battery
- ☐ Four measuring unit: PSI, Bar, Kg/cm², Kpa.

Model No.	Range	Accuracy
1616-200	0-100 PSI	± 1%



Tyre Gauge



Code: TG-01



Code: TG-02



Code: TG-03



Code: TG-04



Code: TG-05