



Precision Measuring Tools



www.dsgargentina.com



Precision Measuring Tools

Representante para la Argentina



Dial Indicators



KM-112-60-10

Feature:

- With diameter of 55mm, 57mm and 60mm.
- Diameter of 60mm is the most popular and have the widest application.
- Jeweled bearing and shockproof.
- In-out tolerance marker.
- Easy to read and operate, high sensitivity and accuracy.
- Made of aluminum or chromate-plated steel.
- Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-112-55-3	0~3mm	0.01mm	55mm
KM-112-55-5	0~5mm	0.01mm	55mm
KM-112-55-10	0~10mm	0.01mm	55mm
KM-112-57-5	0~5mm	0.01mm	57mm
KM-112-57-10	0~10mm	0.01mm	57mm
KM-112-60-3	0~3mm	0.01mm	60mm
KM-112-60-5	0~5mm	0.01mm	60mm
KM-112-60-10	0~10mm	0.01mm	60mm



KM-112-23-10

Feature:

- ANSI standard inch dial indicator.
- With diameter of 1.6", 2.17", 2.375".
- Jeweled bearing and shockproof.
- In-out tolerance marker.
- Easy to read and operate, high sensitivity and accuracy.
- Made of aluminum or chromate-plated steel.
- Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-112-16-1	0~0.1"	0.001"	1.6"
KM-112-16-2	0~0.2"	0.001"	1.6"
KM-112-16-2.5	0~0.25"	0.001"	1.6"
KM-112-21-2.5	0~0.25"	0.001"	2.17"
KM-112-21-5	0~0.5"	0.001"	2.17"
KM-112-21-10	0~1"	0.001"	2.17"
KM-112-23-2.5	0~0.25"	0.001"	2.375"
KM-112-23-5	0~0.5"	0.001"	2.375"
KM-112-23-10	0~1"	0.001"	2.375"

Super Large Range Dial Indicators



KM-111-100



KM-112-100SZ-100

Feature:

- Super scale double-needle coaxial indicators.
- With a large diameter of 80mm.
- Jeweled bearing and shockproof.
- Easy to read and operate, high sensitivity and accuracy.
- Made of aluminum or chromate-plated steel.
- Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-111-100	0~100mm	0.1mm	80mm
KM-112-100SZ-100	0~100mm	0.01mm	80mm

Large Range Dial Indicators



KM-112-60-30



KM-112-60SZ-30



KM-112-80SZ-50

Feature:

- Large scale dial indicator.
- Jeweled bearing and shockproof.
- In-out tolerance marker.
- Easy to read and operate, high sensitivity and accuracy.
- Made of aluminum or chromate-plated steel.
- Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-112-60-15	0~15mm	0.01mm	60mm
KM-112-60-20	0~20mm	0.01mm	60mm
KM-112-60-25	0~25mm	0.01mm	60mm
KM-112-60-30	0~30mm	0.01mm	60mm
KM-112-60SZ-10	0~10mm	0.01mm	60mm
KM-112-60SZ-15	0~15mm	0.01mm	60mm
KM-112-60SZ-20	0~20mm	0.01mm	60mm
KM-112-60SZ-25	0~25mm	0.01mm	60mm
KM-112-60SZ-30	0~30mm	0.01mm	60mm
KM-112-80SZ-50	0~50mm	0.01mm	80mm

mm-in and in-mm Dial Indicators



KM-112D-23-10



KM-112D-30-20

Feature:

- Metric-inch and inch-metric scale dial indicators.
- Jeweled bearing and shockproof.
- In-out tolerance marker.
- Easy to read and operate, high sensitivity and accuracy.
- Made of aluminum or chromate-plated steel.
- Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-112D-60-15	0~15mm/0~0.5"	0.01mm/0.001"	60mm
KM-112D-60-25	0~25mm/0~1"	0.01mm/0.001"	60mm
KM-112D-76-25	0~25mm/0~1"	0.01mm/0.001"	76mm
KM-112D-76-40	0~40mm/0~1.5"	0.01mm/0.001"	76mm
KM-112D-76-50	0~50mm/0~2"	0.01mm/0.001"	76mm
KM-112D-23-5	0~0.5"/0~12.7mm	0.001"/0.01mm	2.375"
KM-112D-23-10	0~1"/0~25mm	0.001"/0.01mm	2.375"
KM-112D-30-10	0~1"/0~25mm	0.001"/0.01mm	3"
KM-112D-30-15	0~1.5"/0~40mm	0.001"/0.01mm	3"
KM-112D-30-20	0~2"/0~50mm	0.001"/0.01mm	3"

Dial Indicator with Lifting Lever



KM-112-60LL-10

Feature:

- The lifting lever can be attached to either the right or left side, these parts can be easily installed and removed without tools.
- Jeweled bearing and shockproof.
- In-out tolerance marker.
- Easy to read and operate, high sensitivity and accuracy.
- Made of aluminum or chromate-plated steel.
- Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-112-60LL-10	0~10mm	0.01mm	60mm

Micron Dial Indicators



KM-113-60S-1

- Feature:**
- Graduation: 0.001mm, high precision reading.
 - Six Jewel and shockproof.
 - In-out tolerance marker.
 - Easy to read and operate, high sensitivity and accuracy.
 - Made of aluminum or chromate-plated steel.
 - Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-113-60S-1	0~1mm	0.001mm	60mm
KM-113-60S-2	0~2mm	0.001mm	60mm
KM-113-60S-3	0~3mm	0.001mm	60mm
KM-113-60S-5	0~5mm	0.001mm	60mm
KM-113-23S-1	0~0.1"	0.0001"	2.375"
KM-113-23S-2	0~0.2"	0.0001"	2.375"
KM-113-23S-2.5	0~0.25"	0.0001"	2.375"
KM-113-23S-5	0~0.5"	0.0001"	2.375"
KM-113-23S-10	0~1"	0.0001"	2.375"

0.1mm Dial Indicators



KM-111-10

- Feature:**
- Graduation: 0.1mm.
 - Jeweled bearing and shockproof.
 - In-out tolerance marker.
 - Easy to read and operate, high sensitivity and accuracy.
 - Made of aluminum or chromate-plated steel.
 - Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-111-10	0-10mm	0.1mm	60mm
KM-111-15	0-15mm	0.1mm	60mm
KM-111-20	0-20mm	0.1mm	60mm
KM-111-25	0-25mm	0.1mm	60mm
KM-111-30	0-30mm	0.1mm	60mm

Small Dial Indicators



KM-112-40-3



KM-112-40-10

- Feature:**
- Small dial indicators with diameters of 35mm and 40mm for restricted-space applications.
 - Jeweled bearing and shockproof..
 - In-out tolerance marker.
 - Easy to read and operate, high sensitivity and accuracy.
 - Made of aluminum or chromate-plated steel.
 - Flat back and back with lug are optional.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-112-35-4N	0~4mm	0.01mm	35mm
KM-112-40-1	0~1mm	0.01mm	40mm
KM-112-40-3	0~3mm	0.01mm	40mm
KM-112-40-5	0~5mm	0.01mm	40mm
KM-112-40-8	0~8mm	0.01mm	40mm
KM-112-40-10	0~10mm	0.01mm	40mm

Dial Test Indicators



KM-342-32-8

- Feature:**
- Anti Magnetic Body.
 - Two measuring directions.
 - 0-180° adjustable measuring head.
 - Ruby contact point is available as the option.

Specification:

Order No.	Range	Graduation	Diameter of Dial
KM-342-38J-5	0~0.5mm	0.01mm	38mm
KM-342-32-8	0~0.8mm	0.01mm	32mm
KM-342-38-8	0~0.8mm	0.01mm	38mm
KM-343-32-2	0~0.2mm	0.002mm	32mm
KM-342-40-2	0~0.2mm	0.002mm	40mm
KM-342-11J-2	0~0.02"	0.0005"	1.5"
KM-342-12-3	0~0.03"	0.0005"	1.26"
KM-342-15-3	0~0.03"	0.0005"	1.5"
KM-343-12-8	0~0.008"	0.0001"	1.26"
KM-343-15-8	0~0.008"	0.0001"	1.57"

Dial Comparators



KM-343-009



KM-343-010

- Feature:**
- For measuring pinpoint accuracy dimensions and shape; position errors by comparative method. also can be used as indicators of pinpoint measuring apparatus.
 - Lever gear enhances system. straight-line.
 - High precision. stable accuracy.

Specification:

Order No.	Accuracy	Graduation	Readout
KM-343-009	±0.05mm	0.001mm	50-0-50
KM-343-010	±0.002"	0.00005"	2-0-2

Dial Bore Gauges



KM-DB10

- Feature:**
- For internal measurement.
 - Stainless steel contacts hardened.
 - Supplied with 0.01mm or 0.001mm dial indicator.

Specification:

Order No.	Range	Measuring Depth	Graduation
KM-DB10	6~10mm	40mm	0.01mm
KM-DB18	10~18mm	100mm	0.01mm
KM-DB35	18~35mm	125mm	0.01mm
KM-DB60	35~60mm	137mm	0.01mm
KM-DB150	50~150mm	158mm	0.01mm
KM-DB250	150~250mm	366mm	0.01mm
KM-DB450	250~450mm	484mm	0.01mm

Digital Dial Indicators



- Feature:**
- Large LCD for easy-reading.
 - in/mm: inch/metric conversion.
 - ON/OFF: power on and power off.
 - ZERO: zero setting.
 - ABS/INC: ABS/INC measurement conversion.
 - TOL: tolerance setting.
 - +: increasing displayed value
 - -: reducing displayed value
 - Data output
 - Fixed and moveable cap are optional.
 - Flat back and back with lug are optional.
 - Long battery life.

Specification:

Order No.	Range	Resolution	Accuracy	Max Measuring Force	Function
KM-232-12.7	0~12.7mm/0.5"	0.01mm/0.0005"	±0.02mm	1.6N	in/mm,ON/OF,ZERO
KM-232F-12.7	0~12.7mm/0.5"	0.01mm/0.0005"	±0.02mm	1.6N	in/mm,ON/OF,ZERO,ABS/INC,TOL
KM-232J-12.7	0~12.7mm/0.5"	0.01mm/0.0005"	±0.02mm	1.6N	in/mm,ON/OF,ZERO,+,-
KM-232L-25.4	0~25.4mm/1"	0.01mm/0.0005"	±0.03mm	2.2N	in/mm,ON/OF,ZERO
KM-232LF-25.4	0~25.4mm/1"	0.01mm/0.0005"	±0.03mm	2.2N	in/mm,ON/OF,ZERO,ABS/INC,TOL
KM-232LJ-25.4	0~25.4mm/1"	0.01mm/0.0005"	±0.03mm	2.2N	in/mm,ON/OF,ZERO,+,-
KM-232L-50	0~50mm/2"	0.01mm/0.0005"	±0.04mm	3.5N	in/mm,ON/OF,ZERO
KM-232LF-50	0~50mm/2"	0.01mm/0.0005"	±0.04mm	3.5N	in/mm,ON/OF,ZERO,ABS/INC,TOL
KM-232LJ-50	0~50mm/2"	0.01mm/0.0005"	±0.04mm	3.5N	in/mm,ON/OF,ZERO,+,-

Digital Micron Dial Indicators



- Feature:**
- Large LCD for easy-reading.
 - in/mm:inch/metric conversion.
 - ON/OFF: power on and power off.
 - ZERO: zero setting.
 - Data output.
 - Fixed and moveable cap are optional.
 - Flat back and back with lug are optional.
 - Long battery life.

Specification:

Order No.	Range	Resolution	Accuracy	Max Measuring Force	Function
KM-233F-12.7	0~12.7mm/0.5"	0.001mm/0.0005"	±0.005mm	1.6N	in/mm,ON/OF,ZERO
KM-233N-12.7	0~12.7mm/0.5"	0.001mm/0.0005"	±0.009mm	1.6N	in/mm,ON/OF,ZERO

Magnetic Stands



- Feature:**
- Basic type.
 - Magnetic base with ON/OFF switch.
 - Clamp hole:8&6.5mm(optional: hole 3/8"&5/32")
 - For dial indicators with lug back or plain back.
 - Main stem:Φ12x176mm.
 - Branch stem: Φ10x160mm.
 - Tapped hole:M8X1.25mm.

Specification:

Order No.	Magnetic Force	Applicable Holding Stem Dia	Base(LxWxH)
KM-601-01	60kg	Φ8mm, Φ6.5mm/ 3/8", 5/32"	58×50×55mm
KM-601-02	80kg	Φ8mm, Φ6.5mm/ 3/8", 5/32"	60×50×55mm

Magnetic Stands with Fine Adjustment



- Feature:**
- Branch stem with fine adjustment.
 - Magnetic base with ON/OFF switch.
 - Clamp hole:8&6.5mm(optional: hole 3/8"&5/32").
 - For dial indicators with lug back or plain back.
 - Main stem:Φ12x176mm.
 - Branch stem: Φ10x150mm.
 - Tapped hole:M8X1.25mm..

Specification:

Order No.	Magnetic Force	Applicable Holding Stem Dia	Base(LxWxH)	Remark
KM-602-01	60kg	Φ8mm, Φ6.5mm/ 3/8", 5/32"	58×50×55mm	With fine adjustment
KM-602-02	80kg	Φ8mm, Φ6.5mm/ 3/8", 5/32"	60×50×55mm	With fine adjustment

Mechanical Universal Magnetic Stands



- Feature:**
- Magnetic base with ON/OFF switch.
 - All arm is aluminum alloy.
 - Dovetail groove for test indicators.
 - Clamp hole 8mm(optional hole 3/8")
 - Overall stem length:290mm.
 - Tapped hole: M8×1.25mm.

Specification:

Order No.	Magnetic Force	Applicable Holding Stem Dia	Base(LxWxH)
KM-606-01	80kg	Φ8mm, 3/8"	60×50×55mm

Hydraulic Universal Magnetic Stands



- Feature:**
- Magnetic base with ON/OFF switch.
 - The arm is aluminum alloy.
 - Dovetail groove for test indicator.
 - Clamp hole 8mm(optional hole 3/8")
 - Overall stem length:380mm.
 - Tapped hole: M8×1.25mm.

Specification:

Order No.	Magnetic Force	Applicable Holding Stem Dia	Base(LxWxH)
KM-615-01	80kg	Φ8mm, 3/8"	60×50×55mm

Digital Outside Micrometers



KM-2133-25

Feature:

- Resolution:0.001mm(Metric);0.00005"(Inch).
- LCD display.
- Protection level:IP65(oil, water and dust proof).
- Ratchet stop.
- OFF/ON, SET,ABS/INC, UNIT(in/mm conversion) function keys.
- Carbide measuring face.
- SPC data output.
- One SR44 battery.

Specification:

Order No.	Range	Resolution	Accuracy
KM-2133-25/50	0~25mm/25~50mm	0.001mm	±0.002mm
KM-2133-75/100	50~75mm/75~100mm	0.001mm	±0.003mm
KM-2133-125/150	100~125mm/125~150mm	0.001mm	±0.003mm
KM-2133-175/200	150~175mm/175~200mm	0.001mm	±0.004mm
KM-2133-225/250	200~225mm/225~250mm	0.001mm	±0.004mm
KM-2133-275/300	250~275mm/275~300mm	0.001mm	±0.005mm



KM-2132-25

Feature:

- Resolution:0.001mm(Metric);0.00005"(Inch).
- Large LCD for easy reading.
- IP54 protection level.
- OFF/ON,SET,ABS/INC, mm/in, Hold, function keys.
- Display data is origin data of absolute measurement after changing battery.
- Chrome-plated or painted frame.
- Carbide measuring faces.
- Standard:DIN863/1, DIN40050/IEC529.

Specification:

Order No.	Range	Resolution	Accuracy
KM-2132-25/50	0~25mm/25~50mm	0.001mm	±0.002mm
KM-2132-75/100	50~75mm/75~100mm	0.001mm	±0.003mm
KM-2132-125/150	100~125mm/125~150mm	0.001mm	±0.003mm
KM-2132-175/200	150~175mm/175~200mm	0.001mm	±0.004mm
KM-2132-225/250	200~225mm/225~250mm	0.001mm	±0.004mm
KM-2132-275/300	250~275mm/275~300mm	0.001mm	±0.005mm



KM-2328-25

Feature:

- Resolution:0.001mm(Metric);0.00005"(Inch).
- OFF/ON,SET,ABS/INC, UNIT(in/mm conversion) function keys..
- Display data is origin data of absolute measurement after changing battery.
- Painted frame. Carbide measuring faces.
- Ratchet fiction thimble.
- Standard:DIN863/1, DIN40050/IEC529.

Specification:

Order No.	Range	Resolution	Accuracy
KM-2328-25/50	0~25mm/25~50mm	0.001mm	±0.002mm
KM-2328-75/100	50~75mm/75~100mm	0.001mm	±0.003mm
KM-2328-125/150	100~125mm/125~150mm	0.001mm	±0.003mm
KM-2328-175/200	150~175mm/175~200mm	0.001mm	±0.004mm
KM-2328-225/250	200~225mm/225~250mm	0.001mm	±0.004mm
KM-2328-275/300	250~275mm/275~300mm	0.001mm	±0.005mm

Outside Micrometers



KM-2106-25

Feature:

- Graduation:0.01mm.
- Carbide measuring faces.
- Ratchet stop.
- Painted and fine cast frame.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2106-25/50	0~25mm/25~50mm	0.01mm	±0.004mm
KM-2106-75/100	50~75mm/75~100mm	0.01mm	±0.005mm
KM-2106-125/150	100~125mm/125~150mm	0.01mm	±0.006mm
KM-2106-175/200	150~175mm/175~200mm	0.01mm	±0.007mm
KM-2106-225/250	200~225mm/225~250mm	0.01mm	±0.008mm
KM-2106-275/300	250~275mm/275~300mm	0.01mm	±0.009mm

Remark: Inch measurement 0-12" are also available.



KM-2112H-25

Feature:

- Graduation: 0.001mm(Metric);0.0001"(Inch).
- No-parallax vernier scale for high precision measuring.
- Carbide measuring faces.
- Ratchet stop.
- Painted frame.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2112H-25/50	0~25mm/25~50mm	0.001mm	±0.004mm
KM-2112H-75/100	50~75mm/75~100mm	0.001mm	±0.005mm
KM-2112H-125/150	100~125mm/125~150mm	0.001mm	±0.006mm
KM-2112H-175/200	150~175mm/175~200mm	0.001mm	±0.007mm
KM-2112H-225/250	200~225mm/225~250mm	0.001mm	±0.008mm
KM-2112H-275/300	250~275mm/275~300mm	0.001mm	±0.009mm

Remark: Inch measurement 0-12" are also available.

Outside Micrometers with Counter



KM-2124-25

Feature:

- Graduation:0.01mm(Metric);0.0001"(Inch).
- Counter read out: 0.01mm(Metric);0.001"(Inch).
- With mechanical counter for quick and error-free reading.
- Carbide measuring faces and painted frame.
- Ratchet stop.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2124-25/50	0~25mm/25~50mm	0.01mm	±0.004mm
KM-2124-75/100	50~75mm/75~100mm	0.01mm	±0.005mm
KM-2124-125/150	100~125mm/125~150mm	0.01mm	±0.006mm
KM-2124-175/200	150~175mm/175~200mm	0.01mm	±0.007mm
KM-2124-225/250	200~225mm/225~250mm	0.01mm	±0.008mm
KM-2124-275/300	250~275mm/275~300mm	0.01mm	±0.009mm

Remark: Inch measurement 0-12" are also available.

Outside Micrometers With interchangeable Anvils



KM-2103-301

Feature:

- Wide measuring range with interchangeable anvils.
- Ratchet stop.
- Fine case frame.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2103-50	0-50mm	0.01mm	±0.004mm
KM-2103-100	50-100mm	0.01mm	±0.005mm
KM-2103-101	0-100mm	0.01mm	±0.005mm
KM-2103-200	100-200mm	0.01mm	±0.007mm
KM-2103-300	200-300mm	0.01mm	±0.009mm
KM-2103-150	0-150mm	0.01mm	±0.006mm
KM-2103-301	150-300mm	0.01mm	±0.009mm

Outside Micrometers With Adjustable Anvils



KM-2104-700

Feature:

- Wide measuring range with adjustable anvils.
- High accuracy standard collars enable that reading does not have to be reset when changing collars.
- Ratchet stop.
- Standard collars:
 - within 1000mm:25mm,50mm;
 - above 1000mm:50mm,100mm.
- Carbide measuring faces and painted frame.
- Pipe combined frame for light weight and high rigidity.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2104-400	300-400mm	0.01mm	±0.011mm
KM-2104-500	400-500mm	0.01mm	±0.013mm
KM-2104-600	500-600mm	0.01mm	±0.015mm
KM-2104-700	600-700mm	0.01mm	±0.016mm
KM-2104-800	700-800mm	0.01mm	±0.018mm
KM-2104-900	800-900mm	0.01mm	±0.020mm
KM-2104-1000	900-1000mm	0.01mm	±0.020mm
KM-2104-1200	1000-1200mm	0.01mm	±0.020mm
KM-2104-1400	1200-1400mm	0.01mm	±0.024mm
KM-2104-1600	1400-1600mm	0.01mm	±0.028mm
KM-2104-1800	1600-1800mm	0.01mm	±0.031mm
KM-2104-2000	1800-2000mm	0.01mm	±0.034mm

Indicating Snap Micrometers



KM-2312-25

Feature:

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

Specification:

Order No.	Range	Micrometer Accuracy	Indicator Accuracy	Type
KM-2312-25/50	0~25mm /25~50mm	0.003mm	0.001mm	With φ6.5mm carbide measuring face
KM-2312-75/100	50~75mm/ 75~100mm	0.003mm	0.001mm	
KM-2313-25/50	0~25mm /25~50mm	0.003mm	0.001mm	With φ8mm carbide measuring face,with no support
KM-2313-75/100	50~75mm/ 75~100mm	0.003mm	0.001mm	

Digital Inside Micrometers



KM-3394-50

Feature:

- Resolution:0.001mm.
- Large LCD for easy reading.
- OFF/ON,SET,ABS/INC,UNIT(in/mm conversion) function keys.
- Used for a variety of the internal size measurement.
- Carbide tipped measuring face.

Specification:

Order No.	Range	Resolution	Accuracy
KM-3394-30	5~30mm	0.001mm	±0.003mm
KM-3394-50	25~50mm	0.001mm	±0.003mm
KM-3394-75	50~75mm	0.001mm	±0.004mm
KM-3394-100	75~100mm	0.001mm	±0.004mm
KM-3394-125	100~125mm	0.001mm	±0.005mm
KM-3394-150	125~150mm	0.001mm	±0.005mm
KM-3394-175	150~175mm	0.001mm	±0.005mm
KM-3394-200	175~200mm	0.001mm	±0.005mm

Inside Micrometers



KM-3304-30

Feature:

- Graduation:0.01mm.
- Used for a variety of the internal size measurement.
- Carbide tipped measuring face.

Specification:

Order No.	Range	Graduation	Accuracy
KM-3304-30	5~30mm	0.01mm	±0.005mm
KM-3304-50	25~50mm	0.01mm	±0.006mm
KM-3304-75	50~75mm	0.01mm	±0.007mm
KM-3304-100	75~100mm	0.01mm	±0.008mm
KM-3304-125	100~125mm	0.01mm	±0.009mm
KM-3304-150	125~150mm	0.01mm	±0.009mm
KM-3304-175	150~175mm	0.01mm	±0.010mm
KM-3304-200	175~200mm	0.01mm	±0.010mm

Inside Micrometers



KM-3312-1000

Feature:

- Graduation:0.01mm.
- The combining of extension rods provides a wide measuring range.
- Supplied with a standard caliper gage for zero setting.
- Diameter of extension rods:15.5mm.
- Accuracy: (3+n+L/50)μm (n=number of rod, L=max measuring length(mm)).

Specification:

Order No.	Range	Extension Rods
KM-3312-100	50~100mm	13mm,25mm
KM-3312-150	50~150mm	13mm,25mm,50mm
KM-3312-300	50~300mm	13mm,25mm,50mm(2pcs),100mm
KM-3312-500	50~500mm	13mm,25mm,50mm(2pcs),100mm,200mm
KM-3312-1000	50~1000mm	13mm,25mm,50mm,100mm(2pcs),150mm,200mm,300mm
KM-3312-1500	50~1500mm	13mm,25mm,50mm,100mm(2pcs),150mm,200mm(2pcs),300mm(2pcs)

Digital Three Point Internal Micrometers



KM-2335-40

Feature:

- Resolution:0.001mm.
- Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with an extension rod.
- Highly durable because of carbide-tipped contact points.
- Ratchet stop.
- Standard:DIN40050/IEC529.
- RS232 data output.
- Connecting cable:P1102(Optional).
- Protection level:IP54.

Specification:

Order No.	Range	Resolution	Accuracy	Setting rings	L1	A	Extension Rods
KM-2335-8	6~8mm	0.001mm	±0.004mm	Φ6mm	54.5mm	1.5mm	100mm
KM-2335-10	8~10mm	0.001mm	±0.004mm	Φ8mm	54.5mm	1.5mm	100mm
KM-2335-12	10~12mm	0.001mm	±0.004mm	Φ10mm	54.5mm	1.5mm	100mm
KM-2335-16	12~16mm	0.001mm	±0.004mm	Φ16mm	80mm	0.5mm	150mm
KM-2335-20	16~20mm	0.001mm	±0.004mm	Φ16mm	80mm	0.5mm	150mm
KM-2335-25	20~25mm	0.001mm	±0.004mm	Φ25mm	90mm	0.5mm	150mm
KM-2335-30	25~30mm	0.001mm	±0.004mm	Φ25mm	90mm	0.5mm	150mm
KM-2335-40	30~40mm	0.001mm	±0.004mm	Φ40mm	97mm	0.5mm	150mm
KM-2335-50	40~50mm	0.001mm	±0.005mm	Φ40mm	97mm	0.5mm	150mm
KM-2335-63	50~63mm	0.001mm	±0.005mm	Φ62mm	114mm	0.5mm	150mm
KM-2335-75	62~75mm	0.001mm	±0.005mm	Φ62mm	114mm	0.5mm	150mm
KM-2335-88	75~88mm	0.001mm	±0.005mm	Φ87mm	114mm	0.5mm	150mm
KM-2335-100	87~100mm	0.001mm	±0.005mm	Φ87mm	114mm	0.5mm	150mm

Three Point Internal Micrometers



KM-2316-16

Feature:

- Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with an extension rod.
- Highly durable because of carbide-tipped contact points.
- Ratchet stop.
- Within 100mm/4":supplied with setting rings.
- Over 12mm/0.5": Titanium-plated anvils optional.
- Graduation:
within 12mm/0.5":0.001mm(Metric);0.0001"(Inch).
Over 12mm/0.5":0.005mm(Metric);0.0002"(Inch).

Specification:

Order No.	Range	Graduation	Accuracy	Setting rings	L1	A	Extension Rods
KM-2316-8	6~8mm	0.001mm	±0.004mm	Φ6mm	54.5mm	1.5mm	100mm
KM-2316-10	8~10mm	0.001mm	±0.004mm	Φ8mm	54.5mm	1.5mm	100mm
KM-2316-12	10~12mm	0.001mm	±0.004mm	Φ10mm	54.5mm	1.5mm	100mm
KM-2316-16	12~16mm	0.005mm	±0.004mm	Φ16mm	80mm	0.5mm	150mm
KM-2316-20	16~20mm	0.005mm	±0.004mm	Φ16mm	80mm	0.5mm	150mm
KM-2316-25	20~25mm	0.005mm	±0.004mm	Φ25mm	90mm	0.5mm	150mm
KM-2316-30	25~30mm	0.005mm	±0.004mm	Φ25mm	90mm	0.5mm	150mm
KM-2316-40	30~40mm	0.005mm	±0.004mm	Φ40mm	97mm	0.5mm	150mm
KM-2316-50	40~50mm	0.005mm	±0.005mm	Φ40mm	97mm	0.5mm	150mm
KM-2316-63	50~63mm	0.005mm	±0.005mm	Φ62mm	114mm	0.5mm	150mm
KM-2316-75	62~75mm	0.005mm	±0.005mm	Φ62mm	114mm	0.5mm	150mm
KM-2316-88	75~88mm	0.005mm	±0.005mm	Φ87mm	114mm	0.5mm	150mm
KM-2316-100	87~100mm	0.005mm	±0.005mm	Φ87mm	114mm	0.5mm	150mm

Micrometer Heads



KM-3901-10



KM-3902-10



KM-3907-10



KM-3908-20



KM-3304-30



KM-3910-30

Specification:

Order No.	Range	Graduation	Accuracy	Measuring Face	Remark
KM-3901-10	0~5mm	0.02mm	±0.005mm	Flat	
KM-3901-20	0~5mm	0.02mm	±0.005mm	Spherical	
KM-3902-10	0~6.5mm	0.01mm	±0.005mm	Flat	Common
KM-3902-20	0~6.5mm	0.01mm	±0.005mm	Spherical	
KM-3902-30	0~6.5mm	0.01mm	±0.005mm	Flat	With installation nut
KM-3902-40	0~6.5mm	0.01mm	±0.005mm	Spherical	
KM-3907-10	0~13mm	0.01mm	±0.004mm	Flat	Without spindle lock
KM-3907-20	0~13mm	0.01mm	±0.004mm	Flat	With spindle lock
KM-3907-30	0~13mm	0.01mm	±0.004mm	Spherical	Without spindle lock
KM-3907-40	0~13mm	0.01mm	±0.004mm	Spherical	With spindle lock
KM-3908-10	0~15mm	0.01mm	±0.004mm	Flat	Common
KM-3908-20	0~15mm	0.01mm	±0.004mm	Spherical	
KM-3908-30	0~15mm	0.01mm	±0.004mm	Flat	With installation nut
KM-3908-40	0~15mm	0.01mm	±0.004mm	Spherical	
KM-3304-10	0~25mm	0.01mm	±0.003mm	Flat	Without
KM-3304-20	0~25mm	0.01mm	±0.003mm	Spherical	measuring force
KM-3304-30	0~25mm	0.01mm	±0.003mm	Flat	Ratchet stop
KM-3304-40	0~25mm	0.01mm	±0.003mm	Spherical	
KM-3304-50	0~25mm	0.001mm	±0.003mm	Flat	Without
KM-3304-60	0~25mm	0.001mm	±0.003mm	Spherical	measuring force
KM-3304-70	0~25mm	0.001mm	±0.003mm	Flat	Ratchet stop
KM-3304-80	0~25mm	0.001mm	±0.003mm	Spherical	
KM-3910-10	0~50mm	0.01mm	±0.005mm	Flat	Without
KM-3910-20	0~50mm	0.01mm	±0.005mm	Spherical	measuring force
KM-3910-30	0~50mm	0.01mm	±0.005mm	Flat	Ratchet stop
KM-3910-40	0~50mm	0.01mm	±0.005mm	Spherical	
KM-3910-50	0~50mm	0.001mm	±0.005mm	Flat	Without
KM-3910-60	0~50mm	0.001mm	±0.005mm	Spherical	measuring force
KM-3910-70	0~50mm	0.001mm	±0.005mm	Flat	Ratchet stop
KM-3910-80	0~50mm	0.001mm	±0.005mm	Spherical	

Tube Micrometers



KM-2215-25

Feature:

- Graduation: 0.01mm (Metric); 0.0001" (Inch).
- For measuring wall thickness of various tubes.
- Carbide-tipped measuring faces.
- Type A (spherical to flat) and Type B (spherical to spherical) measuring head as option.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2215-25	0~25mm	0.01mm	±0.004mm
KM-2215-50	25~50mm	0.01mm	±0.004mm
KM-2215-75	50~75mm	0.01mm	±0.005mm
KM-2215-100	75~100mm	0.01mm	±0.005mm

Disk Brake Micrometers



KM-2204-33

Feature:

- Graduation: 0.01mm.
- Ratchet stop.
- For measuring the depth of grooves on the disc of brake systems.
- Carbide measuring face with 60° point.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2204-33	7.6~33mm	0.01mm	±0.004mm
KM-2204-50	25~50mm	0.01mm	±0.004mm

Disk Micrometers



KM-2200-25

Feature:

- Graduation: 0.01mm.
- Ratchet stop.
- Disk measuring faces for measuring gears and paper thickness.

Specification:

Order No.	Range	Graduation	Accuracy
KM-2200-25/50	0~25mm / 25~50mm	0.01mm	±0.004mm
KM-2200-75/100	50~75mm / 75~100mm	0.01mm	±0.005mm
KM-2200-125/150	100~125mm / 125~150mm	0.01mm	±0.006mm
KM-2200-175/200	150~175mm / 175~200mm	0.01mm	±0.007mm

Digital Calipers



KM-DSM150

Feature:

- in/mm, OFF/ON, ZERO.
- The ZERO/ABS key allows the display to be Zero-Set at any slider position along the scale for incremental comparison measurements. This switch will also allow return to the absolute (ABS) coordinate and display of the true position from the origin point (usually jaws-closed point).
- Hardened stainless steel main scale and measuring jaws.

Specification:

Order No.	Range	Resolution	Accuracy
KM-DSM-150	0~150mm/0~6"	0.01mm/0.0005"	±0.03mm
KM-DSM-200	0~200mm/0~8"	0.01mm/0.0005"	±0.03mm
KM-DSM-300	0~300mm/0~12"	0.01mm/0.0005"	±0.04mm



KM-DSK150

Feature:

- Large LCD for easy reading.
- in/mm, OFF/ON, ZERO.
- Hardened stainless steel main scale and measuring jaws.

Specification:

Order No.	Range	Resolution	Accuracy
KM-DSK-150	0~150mm/0~6"	0.01mm/0.0005"	±0.03mm
KM-DSK-200	0~200mm/0~8"	0.01mm/0.0005"	±0.03mm
KM-DSK-300	0~300mm/0~12"	0.01mm/0.0005"	±0.04mm



KM-DSK500

Feature:

- With fine adjustment.
- All measuring faces specially hardened and grinding.
- The jaws have round measuring faces for accurate inside measurements.
- in/mm, OFF/ON, ZERO.
- With data presetting.
- ABS/INC at any position.
- Hardened stainless steel main scale and measuring jaws.

Specification:

Order No.	Range	Resolution	Accuracy
KM-DSK-500	0~500mm/0~20"	0.01mm/0.0005"	±0.05mm
KM-DSK-600	0~600mm/0~24"	0.01mm/0.0005"	±0.05mm
KM-DSK-1000	0~1000mm/0~40"	0.01mm/0.0005"	±0.07mm
KM-DSK-1500	0~1500mm/0~60"	0.01mm/0.0005"	±0.11mm

Vernier Calipers

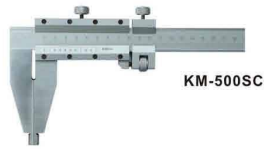


- Feature:**
- Open type and Mono-block type are optional.
 - Stainless steel.
 - Outside diameter (O.D),inside diameter (I.D) and steps measuring.

Specification:

Graduation:0.02mm/0.001" or 0.05mm/1/128"

Order No.	Order No.	Range	Graduation	Accuracy
KM-150SC	KM-150SCM	0-150mm	0.02mm	±0.03mm
KM-200SC	KM-200SCM	0-200mm	0.02mm	±0.03mm
KM-300SC	KM-300SCM	0-300mm	0.02mm	±0.04mm
KM-6SC	KM-6SCM	0-6"	0.001"	±0.03mm
KM-8SC	KM-8SCM	0-8"	0.001"	±0.03mm
KM-12SC	KM-12SCM	0-12"	0.001"	±0.04mm
KM-1506SC	KM-1506SCM	0-150mm/6"	0.02mm/0.001"	±0.03mm
KM-2008SC	KM-2008SCM	0-200mm/8"	0.02mm/0.001"	±0.03mm
KM-30012SC	KM-30012SCM	0-300mm/12"	0.02mm/0.001"	±0.04mm



- Feature:**
- Stainless steel.
 - Outside diameter (O.D),inside diameter (I.D), steps measuring.
 - With fine adjustment.
 - Long Jaws for measuring hard to reach positions.

Specification:

Order No.	Range	Graduation	Accuracy
KM-500SC	0-500mm	0.02mm	±0.05mm
KM-600SC	0-600mm	0.02mm	±0.05mm
KM-1000SC	0-1000mm	0.02mm	±0.07mm
KM-1500SC	0-1500mm	0.02mm	±0.11mm
KM-2000SC	0-2000mm	0.02mm	±0.14mm

Dial Calipers



- Feature:**
- Shockproof.
 - Stainless steel.
 - Hardening and tuning process measuring faces.
 - Clear and easy reading.
 - Outside diameter (O.D),inside diameter (I.D),depth and steps measuring.

Specification:

Order No.	Range	Graduation	Accuracy
KM-DC150	0~150mm	0.02mm	±0.03mm
KM-DC200	0~200mm	0.02mm	±0.03mm
KM-DC300	0~300mm	0.02mm	±0.04mm
KM-DC6	0~6"	0.001"	±0.001"
KM-DC8	0~8"	0.001"	±0.001"
KM-DC12	0~12"	0.001"	±0.0015"
KM-DC1506	0~150mm/0~6"	0.02mm/0.001"	±0.03mm/±0.001"
KM-DC2008	0~200mm/0~8"	0.02mm/0.001"	±0.03mm/±0.001"
KM-DC30012	0~300mm/0~12"	0.02mm/0.001"	±0.04mm/±0.0015"
KM-DC6150	0~6"/0~150mm	0.001"/0.02mm	±0.001"/±0.03mm
KM-DC8200	0~8"/0~200mm	0.001"/0.02mm	±0.001"/±0.03mm
KM-DC12300	0~12"/0~300mm	0.001"/0.02mm	±0.0015"/±0.04mm

Height Gauges



- Feature:**
- Large LCD display.
 - Rack drive, precision position.
 - Carbide-tipped scriber.
 - Plate chromium, spray paint and spray plastic for base.
 - in/mm, OFF/ON, ZERO/ABS.
 - Data output.

Specification:

Order No.	Range	Resolution	Accuracy
KM-425-300	0~300mm/0~12"	0.01mm/0.001"	0-200mm±0.03mm
KM-425-450	0~450mm/0~18"	0.01mm/0.001"	> 200~300mm±0.04mm
KM-425-500	0~500mm/0~20"	0.01mm/0.001"	> 300~600mm±0.05mm
KM-425-600	0~600mm/0~24"	0.01mm/0.001"	



- Feature:**
- Easy reading dial.
 - Rack drive, precision position.
 - Carbide-tipped scriber.
 - Stainless steel column.

Specification:

Order No.	Range	Graduation	Accuracy
KM-423-300	0~300mm	0.01mm	0-150mm±0.02mm
KM-423-450	0~450mm	0.01mm	> 150~200mm±0.03mm
KM-423-500	0~500mm	0.01mm	> 200~300mm±0.04mm
KM-423-600	0~600mm	0.01mm	> 300~600mm±0.05mm
KM-423-12	0~12"	0.001"	0-6"±0.001"
KM-423-18	0~18"	0.001"	> 6~12"±0.0015"
KM-423-20	0~20"	0.001"	> 12~24"±0.002"
KM-423-24	0~24"	0.001"	



- Feature:**
- Stainless steel.
 - With hand wheel.
 - With fine adjustment.
 - Carbide-tipped scriber.
 - With amplifying glass, main ruler is adjustable.
 - The base can be provided with plate chromium, spray paint and spray plastic.

Specification:

Order No.	Range	Graduation	Accuracy
KM-421-300	0~300mm	0.02mm	0~150mm±0.02mm
KM-421-450	0~450mm	0.02mm	> 150~200mm±0.03mm
KM-421-500	0~500mm	0.02mm	> 200~300mm±0.04mm
KM-421-600	0~600mm	0.02mm	> 300~500mm±0.05mm
KM-421-1000	0~1000mm	0.02mm	> 500~1000mm±0.07mm
KM-421-1500	0~1500mm	0.02mm	
KM-421-12	0~12"	0.001"	0~12"±0.001"
KM-421-18	0~18"	0.001"	> 12"~20"±0.0015"
KM-421-20	0~20"	0.001"	> 20"~40"±0.0025"
KM-421-24	0~24"	0.001"	
KM-421-40	0~40"	0.001"	
KM-421-60	0~60"	0.001"	

Thickness Gauges



KM-422-020

Feature:

- The dial thickness gauges are used to measure the thickness of paper, leather, rubber, fabric, glass, plastic plate, etc.
- Quick and efficient measurement with their convenient handle.
- Lifting lever for dial indicator.
- Supply with various types of measuring faces.

Specification:

Order No.	Range	Graduation	Throat Depth	Accuracy
KM-422-020	0~10mm	0.01mm	30mm	± 0.02mm



KM-422-081

Feature:

- Deep throat type.
- Quick and efficient measurement with their convenient handle.
- Lifting lever for dial indicator.
- Supply with various types of measuring faces.

Specification:

Order No.	Range	Graduation	Throat Depth
KM-422-081	0~20mm	0.01mm	300mm



KM-422-039

Feature:

- For measuring wall thickness of various tubes.
- Small throat type.
- Quick and efficient measurement with their convenient grip handle.

Specification:

Order No.	Range	Graduation	Throat Depth	Accuracy
KM-422-039	0~10mm	0.05mm	20mm	± 0.05mm



KM-422-101



KM-422-104

Feature:

- Used for measuring the thickness of the metal sheet.
- Easy to measure.



KM-422-102



KM-422-103



KM-422-105

Specification:

Order No.	Range	Graduation	Accuracy
KM-422-101	0~10mm	0.05mm	± 0.1mm
KM-422-102	0~10mm	0.05mm	± 0.1mm
KM-422-103	0~10mm	0.05mm	± 0.1mm
KM-422-104	0~10mm	0.05mm	± 0.1mm
KM-422-105	0~10mm	0.05mm	± 0.1mm

Depth Dial Indicators



KM-412-01A



KM-412-01B



KM-412-01C



KM-412-01D

Feature:

- With interchangeable rods.
- Four base sizes as option.

Specification:

Order No.	Dial Range	Graduation	Measuring Range	Base Size
KM-412-01A	0~10mm	0.01mm	0~230mm	16×50 16×63
KM-422-01B	0~10mm	0.01mm	0~230mm	
KM-422-01C	0~10mm	0.01mm	0~230mm	16×75 16×100
KM-422-01D	0~10mm	0.01mm	0~230mm	

Depth Micrometers



KM-2251-25

Feature:

- Interchangeable rods provide a wide measuring range.
- High accuracy interchangeable rods enable that reading does not have to be reset when changing rods.
- Spherical and flat measuring ends are optional.

Specification:

Order No.	Range	Resolution	Accuracy	Anvils
KM-2251-25	0~25mm	0.01mm	±0.004mm	1
KM-2251-50	0~50mm	0.01mm	±0.004mm	2
KM-2251-100	0~100mm	0.01mm	±0.005mm	4
KM-2251-150	0~150mm	0.01mm	±0.005mm	6
KM-2251-200	0~200mm	0.01mm	±0.006mm	8
KM-2251-300	0~300mm	0.01mm	±0.007mm	12

Remark: Inch measurement are also available.

Digital Depth Calipers



KM-DDC150

Feature:

- Large LCD for easy reading.
- Low battery warning by flashing display.
- in/mm, OFF/ON, ZERO.
- Hardened stainless steel body.

Specification:

Order No.	Range	Resolution	Accuracy
KM-DDC150	0~150mm/0~6"	0.01mm/0.0005"	±0.03mm
KM-DDC200	0~200mm/0~8"	0.01mm/0.0005"	±0.03mm
KM-DDC300	0~300mm/0~12"	0.01mm/0.0005"	±0.04mm