

## DEEP THROAT OUTSIDE MICROMETER

- Graduation: metric 0.01mm  
inch 0.0001"
- Flat-flat tips (flat-spherical tips and spherical-spherical tips are optional)
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box



Code	Range	Code	Range	Throat depth
3239-251	0-25mm	3239-11	0-1"	50mm/2"
3239-501	25-50mm	3239-21	1-2"	50mm/2"
3239-252	0-25mm	3239-12	0-1"	100mm/4"
3239-502	25-50mm	3239-22	1-2"	100mm/4"
3239-253	0-25mm	3239-13	0-1"	150mm/6"
3239-503	25-50mm	3239-23	1-2"	150mm/6"
3239-254	0-25mm	3239-14	0-1"	300mm/12"
3239-504	25-50mm	3239-24	1-2"	300mm/12"

## ELECTRONIC DEEP THROAT OUTSIDE MICROMETER



3539



3139

Code	Code	Range	Throat depth
3539-251	3139-251	0-25mm/0-1"	50mm/2"
3539-501	3139-501	25-50mm/1-2"	50mm/2"
3539-252	3139-252	0-25mm/0-1"	100mm/4"
3539-502	3139-502	25-50mm/1-2"	100mm/4"
3539-253	3139-253	0-25mm/0-1"	150mm/6"
3539-503	3139-503	25-50mm/1-2"	150mm/6"
3539-254	3139-254	0-25mm/0-1"	300mm/12"
3539-504	3139-504	25-50mm/1-2"	300mm/12"

- Resolution: 0.001mm/0.00005"
- Flat-flat tips (flat-spherical tips and spherical-spherical tips are optional)
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3539** is supplied with data output cable
- Carbide tips, with battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## BLADE MICROMETER



Code	Range	Code	Range
3232-25	0-25mm	3232-1	0-1"
3232-50	25-50mm	3232-2	1-2"
3232-75	50-75mm	3232-3	2-3"
3232-100	75-100mm	3232-4	3-4"
3232-125	100-125mm	3232-5	4-5"
3232-150	125-150mm	3232-6	5-6"
3232-175	150-175mm	3232-7	6-7"

- Graduation: metric 0.01mm  
inch 0.0001"
- The anvil and spindle have blade tips to measure the groove diameter of shafts and keyways
- Blade tip: thickness x width x length=0.75x6x6.5mm (0.030x0.236x0.256")
- Non-rotating spindle, ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC BLADE MICROMETER



3532

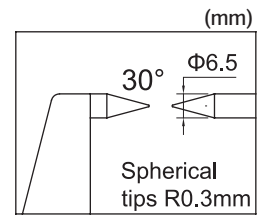


3132

Code	Code	Range
3532-25	3132-25	0-25mm/0-1"
3532-50	3132-50	25-50mm/1-2"
3532-75	3132-75	50-75mm/2-3"
3532-100	3132-100	75-100mm/3-4"
3532-125	3132-125	100-125mm/4-5"
3532-150	3132-150	125-150mm/5-6"
3532-175	3132-175	150-175mm/6-7"

- Resolution: 0.001mm/0.00005"
- The anvil and spindle have blade tips to measure the groove diameter of shafts and keyways
- Blade tip: thickness x width x length=0.75x6x6.5mm (0.030x0.236x0.256")
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- SR44 battery, with one spare battery, auto power off
- RS232 output, 3532 is supplied with data output cable
- Non-rotating spindle
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## POINT MICROMETER



Code	Range
3230-25	0-25mm
3230-50	25-50mm
3230-75	50-75mm
3230-100	75-100mm
Code	Range
3230-1	0-1"
3230-2	1-2"
3230-3	2-3"
3230-4	3-4"

- Graduation: metric 0.01mm  
inch 0.0001"
- Pointed spindle and anvil tips to measure the web thickness of drills, small grooves and keyways
- Measuring tip 30 degree with SR0.3mm/0.012"
- Ratchet stop, carbide tips, with zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC POINT MICROMETER



3530



3130

Code	Code	Range
3530-25	3130-25	0-25mm/0-1"
3530-50	3130-50	25-50mm/1-2"
3530-75	3130-75	50-75mm/2-3"
3530-100	3130-100	75-100mm/3-4"

- Resolution: 0.001mm/0.00005"
- Pointed spindle and anvil tips to measure the web thickness of drills, small grooves and keyways
- Measuring tip 30 degree with SR0.3mm/0.012"
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3530** is supplied with data output cable
- Carbide tips
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## SMALL TIP MICROMETER



Code	Range	Code	Range
3233-25	0-25mm	3233-1	0-1"
3233-50	25-50mm	3233-2	1-2"
3233-75	50-75mm	3233-3	2-3"
3233-100	75-100mm	3233-4	3-4"
3233-125	100-125mm	3233-5	4-5"
3233-150	125-150mm	3233-6	5-6"
3233-175	150-175mm	3233-7	6-7"

- Graduation: metric 0.01mm  
inch 0.0001"
- The anvil and spindle have small diameter tips to measure splined shafts, slots and keyways
- Tips: diameter x length = 2x5mm (0.079x0.197")
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC SMALL TIP MICROMETER



3533

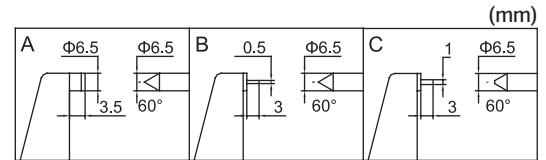


3133

Code	Code	Range
3533-25	3133-25	0-25mm/0-1"
3533-50	3133-50	25-50mm/1-2"
3533-75	3133-75	50-75mm/2-3"
3533-100	3133-100	75-100mm/3-4"
3533-125	3133-125	100-125mm/4-5"
3533-150	3133-150	125-150mm/5-6"
3533-175	3133-175	150-175mm/6-7"

- Resolution: 0.001mm/0.00005"
- The anvil and spindle have small diameter tips to measure splined shafts, slots and keyways
- Tips: diameter x length = 2x5mm (0.079x0.197")
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, 3533 is supplied with data output cable
- Carbide tips
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## SINGLE POINT MICROMETER



Code	Range
3266-25	0-25mm
3266-50	25-50mm
3266-75	50-75mm
3266-100	75-100mm
Code	Range
3266-1	0-1"
3266-2	1-2"
3266-3	2-3"
3266-4	3-4"

- Graduation: metric 0.01mm  
inch 0.0001"
- To measure drills, grooves and hard-to-reach dimensions
- Type A anvil is standard, type B and C are optional
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC SINGLE POINT MICROMETER



3566

3166

Code	Code	Range
3566-25	3166-25	0-25mm/0-1"
3566-50	3166-50	25-50mm/1-2"
3566-75	3166-75	50-75mm/2-3"
3566-100	3166-100	75-100mm/3-4"

- Resolution: 0.001mm/0.00005"
- To measure drills, grooves and hard-to-reach dimensions
- Type A anvil is standard, type B and C are optional, same as 3266
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, 3566 is supplied with data output cable
- Carbide tips
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## JAW TYPE MICROMETER



Code	Range	Code	Range
3283-25	0-25mm	3283-1	0-1"
3283-50	25-50mm	3283-2	1-2"
3283-75	50-75mm	3283-3	2-3"
3283-100	75-100mm	3283-4	3-4"
3283-125	100-125mm	3283-5	4-5"
3283-150	125-150mm	3283-6	5-6"
3283-175	150-175mm	3283-7	6-7"
3283-200	175-200mm	3283-8	7-8"

- Graduation: metric 0.01mm  
inch 0.0001"
- Non-rotating spindle, ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC JAW TYPE MICROMETER



3583



3183

Code	Code	Range
3583-25	3183-25	0-25mm/0-1"
3583-50	3183-50	25-50mm/1-2"
3583-75	3183-75	50-75mm/2-3"
3583-100	3183-100	75-100mm/3-4"
3583-125	3183-125	100-125mm/4-5"
3583-150	3183-150	125-150mm/5-6"
3583-175	3183-175	150-175mm/6-7"
3583-200	3183-200	175-200mm/7-8"

- Resolution: 0.001mm/0.00005"
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3583** is supplied with data output cable
- Non-rotating spindle
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## LARGE ANVIL MICROMETER



Code	Range
3234-25	0-25mm
3234-50	25-50mm
Code	Range
3234-1	0-1"
3234-2	1-2"

- Graduation: metric 0.01mm  
inch 0.0001"
- Anvil size: 50x14mm(2x0.56") for 0-25mm/0-1",  
60x14mm(2.4x0.56") for 25-50mm/1-2"
- Ratchet stop, carbide spindle tip
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC LARGE ANVIL MICROMETER



3534

3134

Code	Code	Range
3534-25	3134-25	0-25mm/0-1"
3534-50	3134-50	25-50mm/1-2"

- Resolution: 0.001mm/0.00005"
- Anvil size: 50x14mm(2x0.56") for 0-25mm/0-1",  
60x14mm(2.4x0.56") for 25-50mm/1-2"
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3534** is supplied with data output cable
- Carbide spindle tip
- With battery cover wrench
- Supplied with standard rod
- Packed in plastic box or wooden box

## SPHERICAL TIP MICROMETER



Code	Range	Code	Range
3260-25	0-25mm	3260-1	0-1"
3260-50	25-50mm	3260-2	1-2"
3260-75	50-75mm	3260-3	2-3"
3260-100	75-100mm	3260-4	3-4"

- Graduation: metric 0.01mm  
inch 0.0001"
- For wall thickness of tubes
- Anvil tip is spherical, spindle tip is flat (spherical spindle tip is optional)
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC SPHERICAL TIP MICROMETER



3560

3160

Code	Code	Range
3560-25	3160-25	0-25mm/0-1"
3560-50	3160-50	25-50mm/1-2"
3560-75	3160-75	50-75mm/2-3"
3560-100	3160-100	75-100mm/3-4"

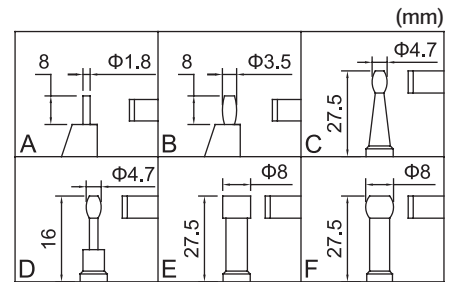
- Resolution: 0.001mm/0.00005"
- For wall thickness of tubes
- Anvil tip is spherical, spindle tip is flat (spherical spindle tip is optional)
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3560** is supplied with data output cable
- Carbide tips
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box



## TUBE MICROMETER



type C



Code	Range
3261-25	0-25mm
3261-50	25-50mm
Code	Range
3261-1	0-1"
3261-2	1-2"

- Graduation: metric 0.01mm  
inch 0.0001"
- For wall thickness of tubes
- Anvil: A is standard, type B, C, D, E, F are optional
- Ratchet stop, carbide spindle tip
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC TUBE MICROMETER



3561 type A

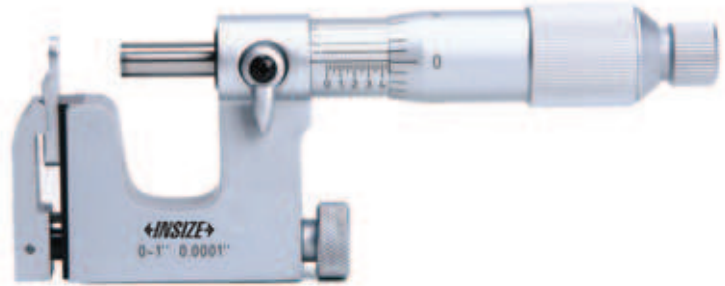


3161 type A

Code	Code	Range
3561-25	3161-25	0-25mm/0-1"
3561-50	3161-50	25-50mm/1-2"

- Resolution: 0.001mm/0.00005"
- For wall thickness of tubes
- Anvil: A is standard, type B, C, D, E, F are optional, same as 3261
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, 3561 is supplied with data output cable
- Carbide spindle tip
- With battery cover wrench
- Supplied with standard rod
- Packed in plastic box or wooden box

## UNI-MICROMETER



Code	Range	Rod anvil	Flat anvil
3262-25	0-25mm	Ø3mm	6.5x1.5mm
3262-50	25-50mm	Ø5mm	6.5x1.5mm
Code	Range	Rod anvil	Flat anvil
3262-1	0-1"	Ø0.12"	0.256x0.059"
3262-2	1-2"	Ø0.2"	0.256x0.059"

- Graduation: metric 0.01mm  
inch 0.0001"
- Measure tube thickness, shoulder edge distance, rivet head height, etc.
- With flat anvil and rod anvil
- Ratchet friction thimble, carbide spindle tip
- With zero adjusting wrench
- Supplied with standard rod
- Packed in plastic box or wooden box

## ELECTRONIC UNI-MICROMETER



3562



3162

- Resolution: 0.001mm/0.00005"
- Measure tube thickness, shoulder edge distance, rivet head height, etc.
- With flat anvil and rod anvil
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3562** is supplied with data output cable
- With battery cover wrench
- Supplied with standard rod
- Packed in plastic box or wooden box

Code	Code	Range	Rod anvil	Flat anvil
3562-25	3162-25	0-25mm/0-1"	Ø3mm/0.12"	6.5x1.5mm/0.256x0.059"
3562-50	3162-50	25-50mm/1-2"	Ø5mm/0.2"	6.5x1.5mm/0.256x0.059"

## GEAR ROOT DIAMETER MICROMETER

- Graduation: metric 0.01mm  
inch 0.001"
- With adjustable anvils
- Micrometer within 200mm/8" have casting frame,  
over 200mm/8" have pipe frame
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in wooden box



Code	Range	Point	Code	Range	Point
3297-100	5-100mm	SR0.4mm	3297-4	0.2-4"	SR0.016"
3297-200	100-200mm	SR0.5mm	3297-8	4-8"	SR0.020"
3297-300	200-300mm	SR0.7mm	3297-12	8-12"	SR0.028"
3297-400	300-400mm	SR0.7mm	3297-16	12-16"	SR0.028"
3297-500	400-500mm	SR0.7mm	3297-20	16-20"	SR0.028"
3297-600	500-600mm	SR0.7mm	3297-24	20-24"	SR0.028"
3297-700	600-700mm	SR0.7mm	3297-28	24-28"	SR0.028"
3297-800	700-800mm	SR0.7mm	3297-32	28-32"	SR0.028"
3297-900	800-900mm	SR0.7mm	3297-36	32-36"	SR0.028"

## ELECTRONIC GEAR ROOT DIAMETER MICROMETER



3597



3197

Code	Code	Range	Point
3597-100	3197-100	5-100mm/0.2-4"	SR0.4mm/0.016"
3597-200	3197-200	100-200mm/4-8"	SR0.5mm/0.020"
3597-300	3197-300	200-300mm/8-12"	SR0.7mm/0.028"
3597-400	3197-400	300-400mm/12-16"	SR0.7mm/0.028"
3597-500	3197-500	400-500mm/16-20"	SR0.7mm/0.028"
3597-600	3197-600	500-600mm/20-24"	SR0.7mm/0.028"
3597-700	3197-700	600-700mm/24-28"	SR0.7mm/0.028"
3597-800	3197-800	700-800mm/28-32"	SR0.7mm/0.028"
3597-900	3197-900	800-900mm/32-36"	SR0.7mm/0.028"

- Resolution: 0.001mm/0.00005"
- With adjustable anvils
- Micrometer within 200mm/8" have casting frame,  
over 200mm/8" have pipe frame
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, 3597 is supplied with data output cable
- Carbide tips
- With battery cover wrench
- Supplied with standard rods
- Packed in wooden box

## NON ROTATING SPINDLE DISK MICROMETER

- Graduation: metric 0.01mm  
inch 0.0001"
- Non-rotating spindle
- Ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box



Code	Range	Dia. of disk	Code	Range	Dia. of disk
3294-25	0-25mm	20mm	3294-1	0-1"	0.8"
3294-50	25-50mm	20mm	3294-2	1-2"	0.8"
3294-75	50-75mm	20mm	3294-3	2-3"	0.8"
3294-100	75-100mm	20mm	3294-4	3-4"	0.8"
3294-125	100-125mm	30mm	3294-5	4-5"	1.2"
3294-150	125-150mm	30mm	3294-6	5-6"	1.2"
3294-175	150-175mm	30mm	3294-7	6-7"	1.2"
3294-200	175-200mm	30mm	3294-8	7-8"	1.2"

## NON ROTATING SPINDLE ELECTRONIC DISK MICROMETER



3594



3194

Code	Code	Range	Dia. of disk
3594-25	3194-25	0-25mm/0-1"	20mm/0.8"
3594-50	3194-50	25-50mm/1-2"	20mm/0.8"
3594-75	3194-75	50-75mm/2-3"	20mm/0.8"
3594-100	3194-100	75-100mm/3-4"	20mm/0.8"
3594-125	3194-125	100-125mm/4-5"	30mm/1.2"
3594-150	3194-150	125-150mm/5-6"	30mm/1.2"
3594-175	3194-175	150-175mm/6-7"	30mm/1.2"
3594-200	3194-200	175-200mm/7-8"	30mm/1.2"

- Resolution: 0.001mm/0.00005"
- Non-rotating spindle
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3594** is supplied with data output cable
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## DISK MICROMETER



Code	Range	Dia. of disk	Code	Range	Dia. of disk
3282-25	0-25mm	20mm	3282-1	0-1"	0.8"
3282-50	25-50mm	20mm	3282-2	1-2"	0.8"
3282-75	50-75mm	20mm	3282-3	2-3"	0.8"
3282-100	75-100mm	20mm	3282-4	3-4"	0.8"
3282-125	100-125mm	30mm	3282-5	4-5"	1.2"
3282-150	125-150mm	30mm	3282-6	5-6"	1.2"
3282-175	150-175mm	30mm	3282-7	6-7"	1.2"
3282-200	175-200mm	30mm	3282-8	7-8"	1.2"

- Graduation: metric 0.01mm  
inch 0.0001"
- Ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

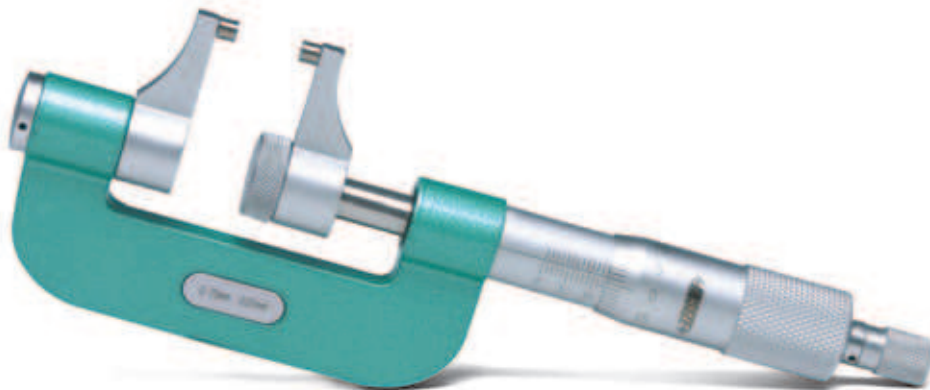
## LARGE DISK MICROMETER



Code	Range	Code	Range
3289-25	0-25mm	3289-1	0-1"
3289-50	25-50mm	3289-2	1-2"
3289-75	50-75mm	3289-3	2-3"
3289-100	75-100mm	3289-4	3-4"

- Graduation: metric 0.01mm  
inch 0.001"
- Diameter of disk 60mm/2.4"
- Non-rotating spindle
- Ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in wooden box

## CALIPER TYPE MICROMETER



Code	Range	Code	Range
3238-25	0-25mm	3238-1	0-1"
3238-50	25-50mm	3238-2	1-2"
3238-75	50-75mm	3238-3	2-3"
3238-100	75-100mm	3238-4	3-4"

- Graduation: metric 0.01mm  
inch 0.001"
- Non-rotating spindle
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

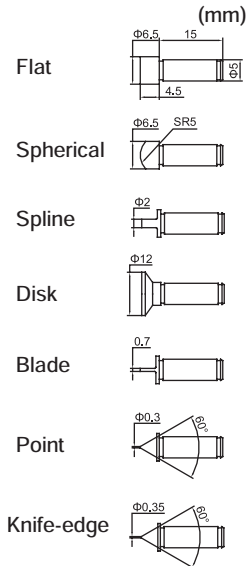
## ELECTRONIC CALIPER TYPE MICROMETER



Code	Range
3138-25	0-25mm/0-1"
3138-50	25-50mm/1-2"
3138-75	50-75mm/2-3"
3138-100	75-100mm/3-4"

- Resolution: 0.001mm/0.00005"
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- SR44 battery, with one spare battery, auto power off
- RS232 output
- Non-rotating spindle
- Ratchet friction thimble, carbide tips
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

# UNIVERSAL MICROMETER



Code	Range	Code	Range
3280-25	0-25mm	3280-1	0-1"
3280-50	25-50mm	3280-2	1-2"
3280-75	50-75mm	3280-3	2-3"
3280-100	75-100mm	3280-4	3-4"
3280-125	100-125mm	3280-5	4-5"
3280-150	125-150mm	3280-6	5-6"
3280-175	150-175mm	3280-7	6-7"
3280-200	175-200mm	3280-8	7-8"

- Graduation: metric 0.01mm  
inch 0.001"
- With 7 pairs of measuring tips: flat, spherical, spline, disk, blade, point 60° (55° is optional), knife-edge 60° (55° is optional)
- Ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

# ELECTRONIC UNIVERSAL MICROMETER



3580



3180

Code	Code	Range
3580-25	3180-25	0-25mm/0-1"
3580-50	3180-50	25-50mm/1-2"
3580-75	3180-75	50-75mm/2-3"
3580-100	3180-100	75-100mm/3-4"
3580-125	3180-125	100-125mm/4-5"
3580-150	3180-150	125-150mm/5-6"
3580-175	3180-175	150-175mm/6-7"
3580-200	3180-200	175-200mm/7-8"

- Resolution: 0.001mm/0.00005"
- With 7 pairs of measuring tips: flat, spherical, spline, disk, blade, point 60° (55° is optional), knife-edge 60° (55° is optional), same as 3280
- Buttons: on/off, data set, mm/inch, ABS/ INC, data output
- 3580 is IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, 3580 is supplied with data output cable
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## GEAR MICROMETER



measuring tips are not included

Code	Range	Code	Range
3291-25	0-25mm	3291-1	0-1"
3291-50	25-50mm	3291-2	1-2"
3291-75	50-75mm	3291-3	2-3"
3291-100	75-100mm	3291-4	3-4"
3291-125	100-125mm	3291-5	4-5"
3291-150	125-150mm	3291-6	5-6"
3291-175	150-175mm	3291-7	6-7"

- Graduation: metric 0.01mm  
inch 0.001"
- Measuring tips are optional
- Non-rotating spindle
- Ratchet stop
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## ELECTRONIC GEAR MICROMETER



3591

measuring tips are not included



3191

measuring tips are not included

Code	Code	Range
3591-25	3191-25	0-25mm/0-1"
3591-50	3191-50	25-50mm/1-2"
3591-75	3191-75	50-75mm/2-3"
3591-100	3191-100	75-100mm/3-4"
3591-125	3191-125	100-125mm/4-5"
3591-150	3191-150	125-150mm/5-6"
3591-175	3191-175	150-175mm/6-7"

- Resolution: 0.001mm/0.00005"
- Measuring tips are optional
- Buttons: on/off, data set, mm/inch, ABS/INC, data output
- **3591** is IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3591** is supplied with data output cable
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box



## MEASURING TIP FOR GEAR MICROMETER



Set	Individual	Ball dia.	Module (mm)	Diametral pitch (TPI)
7391-TS	7391-T1	Ø1mm/0.04"	0.6-0.65	45
	7391-T2	Ø1.5mm/0.06"	0.9-1.0	28-26
	7391-T3	Ø2.0mm/0.08"	1.25	22
	7391-T4	Ø2.5mm/0.10"	1.5	17
	7391-T5	Ø3.0mm/0.12"	1.75	15
	7391-T6	Ø3.5mm/0.14"	2	13
	7391-T7	Ø4.0mm/0.16"	2.25	11
	7391-T8	Ø4.5mm/0.18"	2.5	10
	7391-T9	Ø5.0mm/0.20"	2.75	9
	7391-T10	Ø6.0mm/0.24"	3.5	7

## MEASURING TIP FOR SCREW THREAD MICROMETER

Metric and unified screw (60° thread)

Set	Individual	Pitch (turns/inch)
7381-T1S	7381-T11	0.4-0.5mm/ 64-48TPI
	7381-T12	0.6-0.9mm/ 44-28TPI
	7381-T13	1-1.75mm/ 24-14TPI
	7381-T14	2-3mm/ 13-9TPI
	7381-T15	3.5-5mm/ 8-5TPI
	7381-T16	5.5-7mm/ 4.5-3.5TPI

Whitworth screw (55° thread)

Set	Individual	Pitch (turns/inch)
7381-T2S	7381-T21	60-48TPI
	7381-T22	48-40TPI
	7381-T23	40-32TPI
	7381-T24	32-24TPI
	7381-T25	24-18TPI
	7381-T26	18-14TPI
	7381-T27	14-10TPI
	7381-T28	10-7TPI
	7381-T29	7-4.5TPI
	7381-T210	4.5-3.5TPI



## SCREW THREAD MICROMETER



measuring tips are not included

Code	Range	Code	Range
3281-25	0-25mm	3281-1	0-1"
3281-50	25-50mm	3281-2	1-2"
3281-75	50-75mm	3281-3	2-3"
3281-100	75-100mm	3281-4	3-4"
3281-125	100-125mm	3281-5	4-5"
3281-150	125-150mm	3281-6	5-6"
3281-175	150-175mm	3281-7	6-7"
3281-200	175-200mm	3281-8	7-8"

- Graduation: metric 0.01mm  
inch 0.001"
- Measure pitch diameter of screw threads
- Supplied with standard rods 60° (55° is optional)
- Measuring tips are optional
- Non-rotating spindle
- Ratchet stop
- With zero adjusting wrench
- Packed in plastic box or wooden box

## ELECTRONIC SCREW THREAD MICROMETER



3581

measuring tips are not included



3181

measuring tips are not included

Code	Code	Range
3581-25	3181-25	0-25mm/0-1"
3581-50	3181-50	25-50mm/1-2"
3581-75	3181-75	50-75mm/2-3"
3581-100	3181-100	75-100mm/3-4"
3581-125	3181-125	100-125mm/4-5"
3581-150	3181-150	125-150mm/5-6"
3581-175	3181-175	150-175mm/6-7"
3581-200	3181-200	175-200mm/7-8"

- Resolution: 0.001mm/0.00005"
- Measure pitch diameter of screw threads
- Supplied with standard rods 60° (55° is optional)
- Measuring tips are optional
- Buttons: on/off, data set, mm/inch, ABS/INC, data output
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3581** is supplied with data output cable
- No-rotating spindle
- With battery cover wrench
- Packed in plastic box or wooden box

## V-ANVIL MICROMETER



- Graduation: metric 0.01mm  
inch 0.001"
- Measure the outside diameter of cutting heads (such as taps, reamers, end mills) with odd number of flutes
- Ratchet stop, carbide tip
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

Code	Range	Flutes	Code	Range	Flutes
3290-153	1-15mm	3	3290-063	0.04-0.6"	3
3290-203	5-20mm	3	3290-083	0.2-0.8"	3
3290-353	20-35mm	3	3290-143	0.8-1.4"	3
3290-503	35-50mm	3	3290-2031	1.4-2.0"	3
3290-653	50-65mm	3	3290-263	2.0-2.6"	3
3290-803	65-80mm	3	3290-323	2.6-3.2"	3
3290-953	80-95mm	3	3290-383	3.2-3.8"	3
3290-253	2.3-25mm	3	3290-103	0.09-1.0"	3
3290-5031	25-50mm	3	3290-2032	1.0-2.0"	3
Code	Range	Flutes	Code	Range	Flutes
3290-255	5-25mm	5	3290-105	0.2-1.0"	5
3290-455	25-45mm	5	3290-185	1.0-1.8"	5
3290-655	45-65mm	5	3290-265	1.8-2.6"	5
3290-855	65-85mm	5	3290-345	2.6-3.4"	5
3290-1055	85-105mm	5	3290-425	3.4-4.2"	5
Code	Range	Flutes	Code	Range	Flutes
3290-257	5-25mm	7	3290-107	0.2-1.0"	7
3290-457	25-45mm	7	3290-187	1.0-1.8"	7
3290-657	45-65mm	7	3290-267	1.8-2.6"	7
3290-857	65-85mm	7	3290-347	2.6-3.4"	7

## ELECTRONIC V-ANVIL MICROMETER



3590



3190

Code	Code	Range	Flutes
3590-153	3190-153	1-15mm/0.04-0.6"	3
3590-203	3190-203	5-20mm/0.2-0.8"	3
3590-353	3190-353	20-35mm/0.8-1.4"	3
3590-503	3190-503	35-50mm/1.4-2.0"	3
3590-653	3190-653	50-65mm/2.0-2.6"	3
3590-803	3190-803	65-80mm/2.6-3.2"	3
3590-953	3190-953	80-95mm/3.2-3.8"	3
3590-253	3190-253	2.3-25mm/0.09-1"	3
3590-5031	3190-5031	25-50mm/1-2"	3
Code	Code	Range	Flutes
3590-255	3190-255	5-25mm/0.2-1.0"	5
3590-455	3190-455	25-45mm/1.0-1.8"	5
3590-655	3190-655	45-65mm/1.8-2.6"	5
3590-855	3190-855	65-85mm/2.6-3.4"	5
3590-1055	3190-1055	85-105mm/3.4-4.2"	5
Code	Code	Range	Flutes
3590-257	3190-257	5-25mm/0.2-1.0"	7
3590-457	3190-457	25-45mm/1.0-1.8"	7
3590-657	3190-657	45-65mm/1.8-2.6"	7
3590-857	3190-857	65-85mm/2.6-3.4"	7

- Resolution: 0.001mm/0.00005"
- Measure the outside diameter of cutting heads (such as taps, reamers, end mills) with odd number of flutes
- Buttons: on/off, data set, mm/in, ABS/INC, data output
- IP54 protection
- SR44 battery, with one spare battery, auto power off
- RS232 output, **3590** is supplied with data output cable
- Carbide tip
- With battery cover wrench
- Supplied with standard rods
- Packed in plastic box or wooden box

## HUB MICROMETER



Code	Range
3292-25	0-25mm
3292-50	25-50mm
3292-75	50-75mm
3292-100	75-100mm
Code	Range
3292-1	0-1"
3292-2	1-2"
3292-3	2-3"
3292-4	3-4"

- Graduation: metric 0.01mm  
inch 0.0001"
- Measure hub thickness and shoulder inside a bore
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box

## WIRE MICROMETER



Code	Range	Graduation
3285-10	0-10mm	0.01mm
3285-4	0-0.4"	0.0001"

- Measure wire or small ball diameter
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Packed in plastic box

## SHEET METAL MICROMETER



Code	Range	Throat depth
3263-15	0-15mm	50mm
3263-25	0-25mm	50mm
3263-50	0-50mm	100mm
Code	Range	Throat depth
3263-06	0-0.6"	2.0"
3263-1	0-1"	2.0"
3263-2	0-2"	3.9"

- Graduation: metric 0.01mm  
inch 0.001"
- Measure thickness of sheet metal, paper, plastic and rubber parts
- Ratchet stop, carbide tips
- With zero adjusting wrench
- Packed in wooden box

## MICROMETER FOR HOT PLATE



Code	Range	Code	Range
3264-15	0-15mm	3264-06	0-0.6"
3264-30	15-30mm	3264-12	0.6-1.2"
3264-45	30-45mm	3264-18	1.2-1.8"
3264-60	45-60mm	3264-24	1.8-2.4"
3264-75	60-75mm	3264-31	2.4-3.0"
3264-90	75-90mm	3264-36	3.0-3.6"
3264-105	90-105mm	3264-42	3.6-4.2"

- Graduation: metric 0.05mm  
inch 0.002"
- Measure thickness of hot rolling sheet metal
- Carbide tips
- Supplied with standard rod
- Packed in wooden box

## CAN SEAM MICROMETER

- Graduation: metric 0.01mm  
inch 0.001"
- Measure the width, height and depth of can seams
- Carbide tips
- With zero adjusting wrench
- Packed in plastic box

Code	Range	Application
3293-131	0-13mm	for steel can
3293-132	0-13mm	for aluminum can
3293-133	0-13mm	for sprayer can
Code	Range	Application
3293-061	0-0.6"	for steel can
3293-062	0-0.6"	for aluminum can
3293-063	0-0.6"	for sprayer can



3293-133

## LIMIT MICROMETER



Code	Range
3235-25	0-25mm
3235-50	25-50mm
Code	Range
3235-1	0-1"
3235-2	1-2"

- Graduation: metric 0.002mm  
inch 0.0001"
- Used as GO/NOGO gage by setting high and low limits
- Carbide tips
- With zero adjusting wrench
- Supplied with standard rods
- Packed in plastic box or wooden box