



INDUSTRIAL INC.

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## MEASURING & INSPECTION TOOLS



Measure up

### Delivering Quality & Value

SPI is committed to delivering quality and value every time. Guaranteed. After all, our customers deserve consistent, precise measuring instruments to help them perform at their best every day.



**Best-in-the-Industry 2-Year Warranty**

### How SPI stacks up



Multi-Stage  
QA Process



Industry-Leading  
2-Year Warranty



Industry Expert Support  
(60+ years)



Comprehensive, On-Demand  
Parts Program



Certified Tooling Line  
(Calibrated/Inspected at ISO  
17025 accredited lab)

**For over 60 years, SPI has introduced innovative products to the metalworking industry.**

SPI Measuring Tools are moderately priced, production-grade measuring instruments, designed to meet the rigorous demands and repetitive use in production and shop environments.

SPI Measuring Instruments are best used on the shop floor, at the spindle, setting up and laying out jobs and gauging, and taking dimensional measurements.

SPI offers several products that can be used in the Quality Department, such as surface and hardness testers, height gauges, machine setup and layout and optical inspection.

YOUR AUTHORIZED KAR DISTRIBUTOR:



**Guspro Inc.**

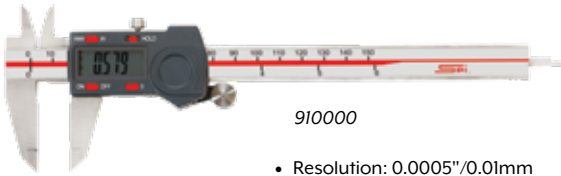
715 Richmond St. Chatham, ON N7M 5J5

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MAKING IT EASY TO DO BUSINESS WITH SINCE 1954... CONTACT YOUR LOCAL KAR DISTRIBUTOR TODAY!

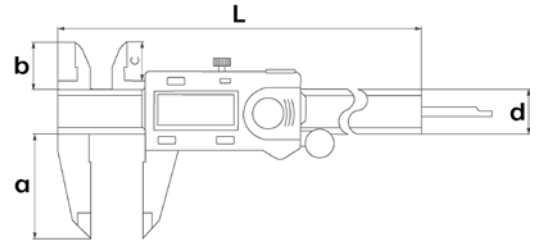
## Electronic Calipers

With Four Buttons | With Thumbwheel



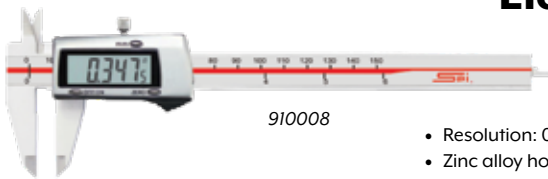
910000

- Resolution: 0.0005"/0.01mm
- The origin position is retained through the on/off cycle
- Inch/metric conversion
- Buttons: zero, hold, on/off, inch/mm
- Battery: CR2032
- Short form calibration certificate included



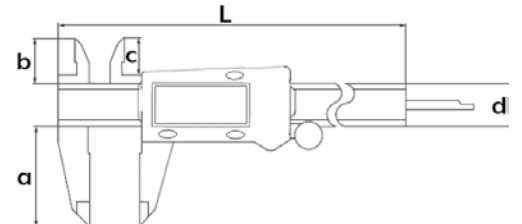
Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Code	Price
0-6/0-150	0.0005/0.01	±0.001/±0.02	236	40	21	16.5	16	910000	59.67
0-8/0-200	0.0005/0.01	±0.0015/±0.03	286	50	24	19.5	16	910001	82.29
0-12/0-300	0.0005/0.01	±0.0015/±0.03	400	60	25	20.5	16	910002	144.47

## Electronic Calipers



910008

- Resolution: 0.0005"/0.01mm
- Zinc alloy housing for digital unit
- Buttons: zero, on/off, inch/mm
- Automatic power off
- Battery: CR2032
- Made of stainless steel
- Without thumb wheel
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Code	Price
0-6/0-150	0.0005/0.01	±0.001/±0.02	236	40	21	16.5	16	910008	84.72
0-8/0-200	0.0005/0.01	±0.0015/±0.03	286	50	24	19.5	16	910009	114.06
0-12/0-300	0.0005/0.01	±0.0015/±0.03	400	60	25	20.5	16	910010	197.12

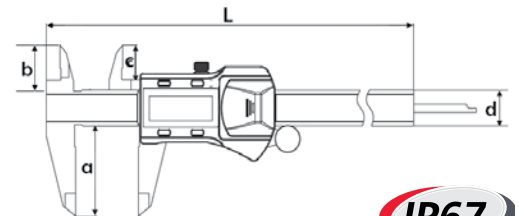
## Electronic Calipers

IP67 Coolant Proof | With Thumbwheel



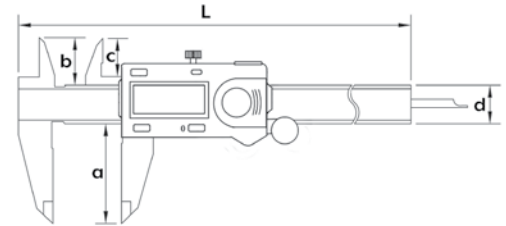
910011

- Resolution: 0.0005"/0.01mm
- Plastic housing
- Hold function for easy reading
- Inch/metric conversion
- Buttons: zero/on/off, hold, INC, origin
- Auto power on/off
- Battery: CR2032
- Protection level IP67
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Code	Price
0-6/0-150	0.0005/0.01	±0.001/±0.02	236	40	21	16.5	16	910011	215.31
0-8/0-200	0.0005/0.01	±0.0015/±0.03	286	50	24	19.5	16	910012	371.18
0-12/0-300	0.0005/0.01	±0.0015/±0.03	400	60	25	20.5	16	910013	430.34

## Electronic Calipers Absolute (ABS) | With Thumbwheel



- Resolution: 0.0005"/0.01mm
- The caliper will be ready for measurements as soon as it is switched on with the LCD screen displaying the actual slider position. There is no need to set the zero position each time the caliper is used as the origin setting is retained even when the caliper is switched off
- Absolute system delivers reliable measurement
- Inch/metric conversion
- Buttons: zero/origin, on/off, ABS, inch/mm
- Battery: CR2032
- Short form calibration certificate included
- SPC cable data output: 910202
- Wireless data output: Transmitting device: 910203, 910204; Receiver device: 910205
- Bluetooth data output: 910206, 910207



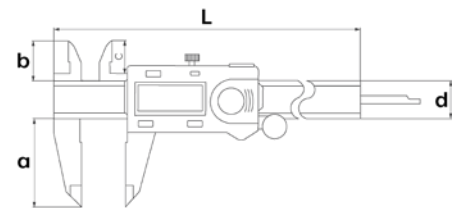
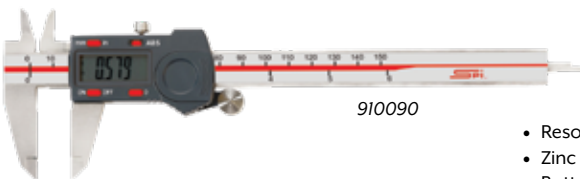
Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Code	Price
0-6/0-150	0.0005/0.01	±0.001/±0.02	236	40	21	16.5	16	910080	81.24
0-8/0-200	0.0005/0.01	±0.0015/±0.03	286	50	24	19.5	16	910081	114.15
0-12/0-300	0.0005/0.01	±0.0015/±0.03	400	60	25	20.5	16	910082	204.33



**SPI QUALITY CALIPERS ARE PERFECT  
TOOLS FOR PRECISE MEASUREMENTS**



## Electronic Calipers Fractional | Absolute (ABS) | Four Buttons



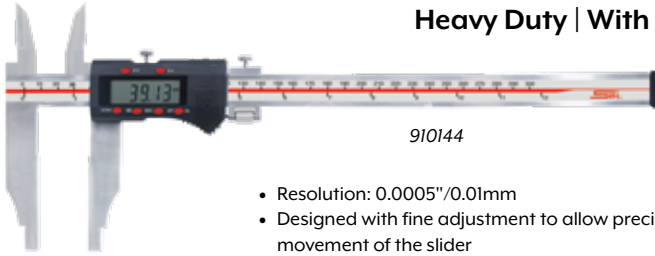
- Resolution 0.0005" / 1/128" / 0.01mm
- Zinc alloy housing for digital unit
- Buttons: zero, on/off, inch/mm, ABS
- Automatic power off
- Battery: CR2032
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch / Inch / mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Code	Price
0-6/0-150	0.0005 / 1/128 / 0.01	±0.001/±0.02	236	40	21	16.5	16	910090	104.15
0-8/0-200	0.0005 / 1/128 / 0.01	±0.0015/±0.03	286	50	24	19.5	16	910091	155.41
0-12/0-300	0.0005 / 1/128 / 0.01	±0.0015/±0.03	400	60	25	20.5	16	910092	225.70

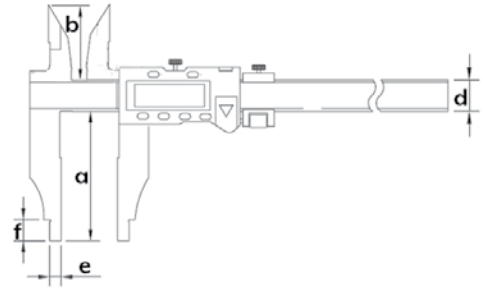
## Electronic Calipers

### Heavy Duty | With Inside Measuring Jaws



910144

- Resolution: 0.0005"/0.01mm
- Designed with fine adjustment to allow precise movement of the slider
- Nib shaped jaws for ID and OD measurement, carrying upper jaws for ID measurements
- Inch/metric conversion
- Buttons: on/off, zero, ABS, inch/mm, PRE+, PRE-
- Zero setting at any position



- Battery: CR2032
- Short form calibration certificate included

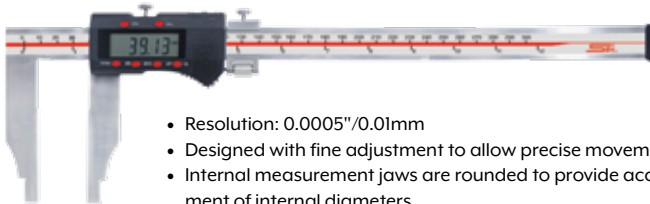


Measuring Range (mm/Inch)	Resolution (mm/Inch)	Accuracy (mm/Inch)	Jaw Length a (mm)	b (mm)	d (mm)	e (mm)	f (mm)	Code	Price
0-300/0-12	0.01/0.0005	±0.04/±0.002	90	42	20	10	12	910144	617.29
0-500/0-20	0.01/0.0005	±0.05/±0.002	100	60	24	10	18	910085	554.94
0-500/0-20	0.01/0.0005	±0.05/±0.002	150	60	24	10	18	910086	908.80
0-500/0-20	0.01/0.0005	±0.05/±0.002	200	60	24	10	18	910087	1113.51

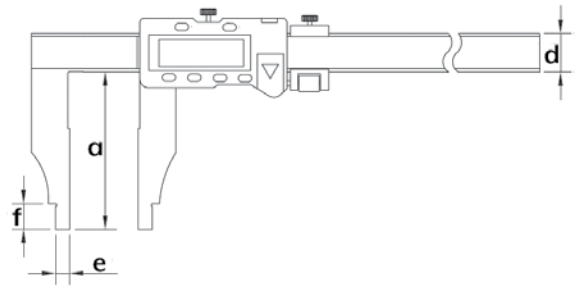
Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Jaw Length a (Inch)	b (Inch)	d (Inch)	e (Inch)	f (Inch)	Code	Price
0-24/0-600	0.0005/0.01	±0.002/±0.05	3.937	2.362	0.945	0.4	0.709	910083	1058.34
0-40/0-1000	0.0005/0.01	±0.003/±0.08	5.906	2.362	1.220	0.4	0.945	910084	1829.85

## Electronic Calipers

### Without Upper Jaws



- Resolution: 0.0005"/0.01mm
- Designed with fine adjustment to allow precise movement of the slider
- Internal measurement jaws are rounded to provide accurate measurement of internal diameters
- Inch/metric conversion
- Buttons: on/off, zero, ABS, inch/mm, PRE+, PRE-
- Zero setting at any position
- Battery: CR2032
- Short form calibration certificate included

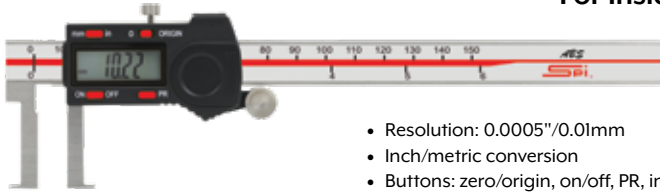


Measuring Range (mm/Inch)	Resolution (mm/Inch)	Accuracy (mm/Inch)	Jaw Length a (mm)	d (mm)	e (mm)	f (mm)	Code	Price
0-600/0-24	0.01/0.0005	±0.05/±0.002	100	31	10	24	910097	396.25
0-800/0-32	0.01/0.0005	±0.08/±0.003	150	31	10	24	910098	1239.53
0-2500/0-100	0.01/0.0005	±0.14/±0.006	150	42	10	24	910096	7115.00

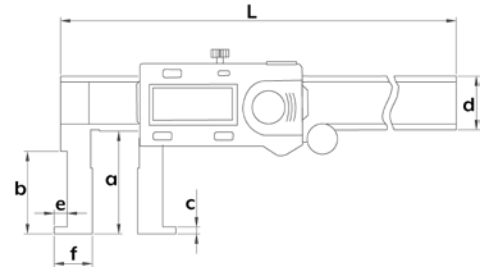
Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Jaw Length a (Inch)	d (Inch)	e (Inch)	f (Inch)	Code	Price
0-24/0-600	0.0005/0.01	±0.002/±0.05	3.937	1.220	0.4	0.945	910143	1191.98
0-40/0-1000	0.0005/0.01	±0.003/±0.08	5.906	1.220	0.4	0.945	910093	1633.50
0-60/0-1500	0.0005/0.01	±0.005/±0.12	5.906	1.220	0.4	0.945	910094	2858.37
0-80/0-2000	0.0005/0.01	±0.006/±0.14	5.906	1.220	0.4	0.945	910095	4212.34

## Electronic Caliper

For Inside Grooves | ABS



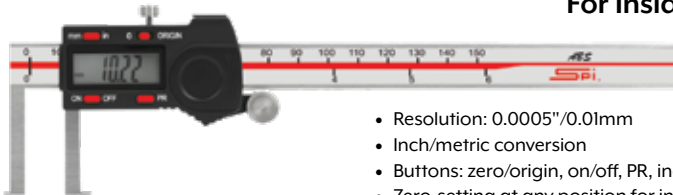
- Resolution: 0.0005"/0.01mm
- Inch/metric conversion
- Buttons: zero/origin, on/off, PR, inch/mm
- Zero-setting at any position for incremental measurement
- ABS system delivers reliable measurement
- Preset function
- Automatic off to maximize battery life
- Battery: CR2032
- Short form calibration certificate included
- SPC cable data output: 910202
- Wireless data output: Receiver Device: 910203, 910204; Transmitting Device: 910205
- Bluetooth data output: 910206, 910207



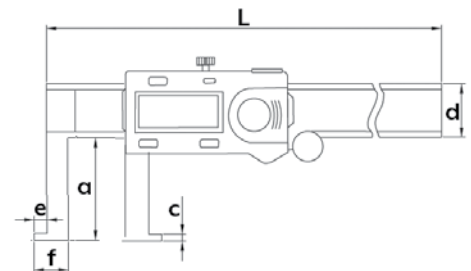
Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	Code	Price
0.8-6/20-150	0.0005/0.01	±0.001/±0.03	235	36	29	1	16	4	10	910088	344.39

## Electronic Caliper

For Inside Grooves | ABS



- Resolution: 0.0005"/0.01mm
- Inch/metric conversion
- Buttons: zero/origin, on/off, PR, inch/mm
- Zero-setting at any position for incremental measurement
- ABS system delivers reliable measurement
- Preset function
- Automatic off to maximize battery life
- Battery: CR2032
- Short form calibration certificate included
- SPC cable data output: 910202
- Wireless data output: Receiver Device: 910203, 910204; Transmitting Device: 910205
- Bluetooth data output: 910206, 910207



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (Inch)	c (Inch)	e (Inch)	f (Inch)	Code	Price
0.4-6/10-150	0.0005/0.01	±0.001/±0.03	235	46	1	4	10	910089	255.83

## SPI is a Game Changer

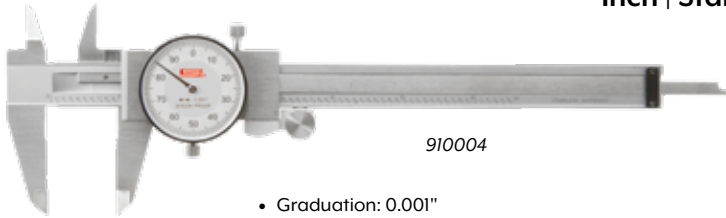


Every job, every instrument, every fraction of an inch counts. It's time for SPI to be your **NEW** trusted precision measuring tools.

Durable | Precise | Reliable

## Dial Calipers

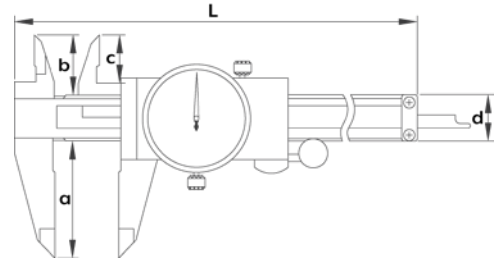
Inch | Standard



910004



- Graduation: 0.001"
- Stainless steel construction with all measuring surfaces surface-hardened
- Preloaded dual pinions eliminate backlash and provide better repeatability
- Thumb wheel included
- Short form calibration certificate included



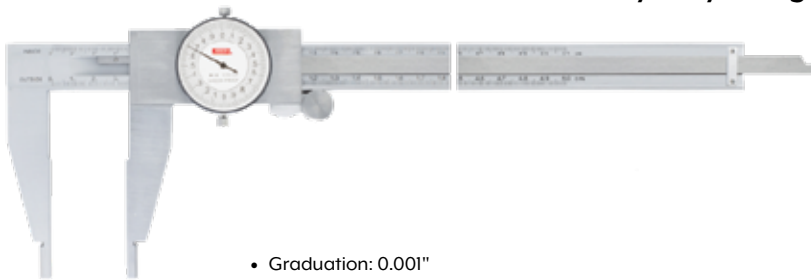
Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	L (Inch)	a (Inch)	b (Inch)	c (Inch)	d (Inch)	Code	Price
0-4	0.001	±0.001	6.5	1.18	0.71	0.47	0.51	910003	95.94
0-6	0.001	±0.001	9.21	1.57	0.83	0.63	0.63	910004	84.39
0-8	0.001	±0.0015	11.42	1.97	0.93	0.63	0.63	910005	111.76
0-12	0.001	±0.0015	15.47	2.52	0.96	0.79	0.67	910006	204.48



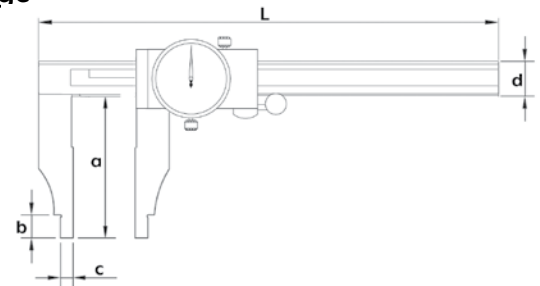
SPI MEASURING TOOLS ARE PRODUCTION-GRADE MEASURING INSTRUMENTS, DESIGNED TO MEET THE RIGOROUS DEMANDS AND REPETITIVE USE IN PRODUCTION AND SHOP ENVIRONMENTS.

## Dial Caliper

Inch | Heavy Duty | Long Range



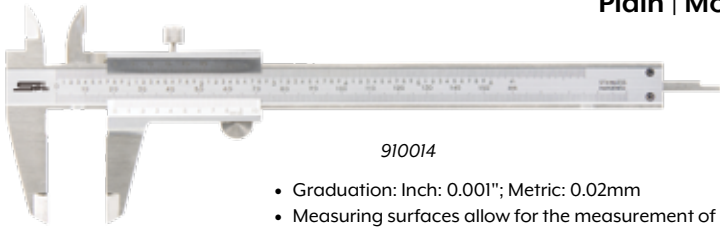
- Graduation: 0.001"
- Designed with fine adjustment to allow precise movement of the slider
- Internal measurement jaws are rounded to provide accurate measurement of internal diameters
- Short form calibration certificate included



Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	L (Inch)	a (Inch)	b (Inch)	c (Inch)	d (Inch)	Code	Price
0-24	0.001	±0.0025	28.74	3.94	0.787	0.197	0.866	910007	578.45

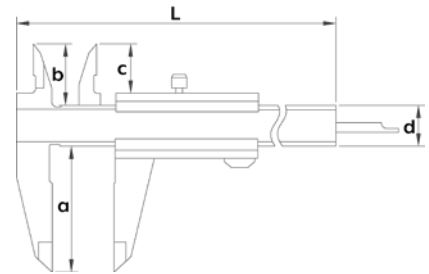
## Vernier Calipers

Plain | Mono Block



910014

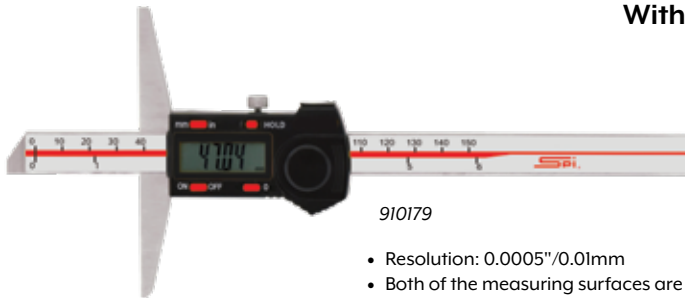
- Graduation: Inch: 0.001"; Metric: 0.02mm
- Measuring surfaces allow for the measurement of external diameters, internal diameters, depths and steps
- The upper and lower scales on the slider are angled to reduce parallax error
- Stainless steel with surface hardened measuring faces
- Short form calibration certificate included



Measuring Range		Graduation		Accuracy (Inch)	L (Inch)	a (Inch)	b (Inch)	c (Inch)	d (Inch)	Code	Price
Upper (Inch)	Lower (mm)	Upper (Inch)	Lower (mm)								
0-6	0-150	0.001	0.02	±0.0012	9.25	1.57	0.83	0.65	0.63	910014	58.56
0-8	0-200	0.001	0.02	±0.0012	11.69	1.97	0.93	0.75	0.63	910015	93.11
0-12	0-300	0.001	0.02	±0.0016	16.14	2.36	1.06	0.87	0.71	910016	164.49

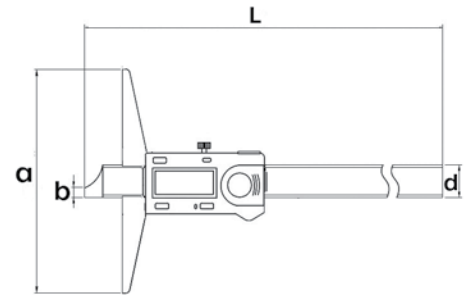
## Electronic Depth Caliper

Without Hook



910179

- Resolution: 0.0005"/0.01mm
- Both of the measuring surfaces are precision ground for accuracy
- Buttons: zero, on/off, inch/mm, hold
- Automatic power off
- With data output – SPC cable optional: 910236
- Battery: CR2032
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	L (mm)	a (mm)	b (mm)	d (mm)	Code	Price
0-6/0-150	0.0005/0.01	±0.001/±0.03	232	100	6	14.5	910179	147.84
0-8/0-200	0.0005/0.01	±0.0015/±0.03	285	100	6	14.5	910180	177.55
0-12/0-300	0.0005/0.01	±0.0015/±0.04	390	100	6	14.5	910181	390.26
0-20/0-500	0.0005/0.01	±0.002/±0.05	590	150	6	14.5	910182	642.08

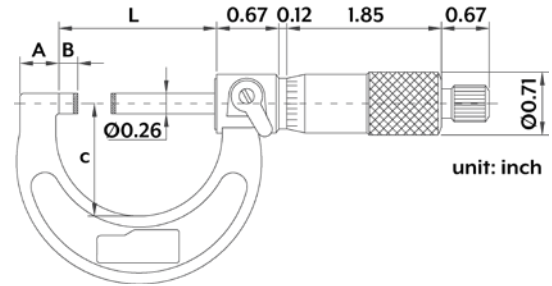


SPI offers a broad portfolio of measuring and precision tools, with more expansive category coverage than major industry brands, to provide customers with a one-stop shop experience. SPI also offers 1,000+ SKUs that include a short form calibration certificate, with no extra charge for this service.



## Outside Micrometers

Inch



- Graduation: 0.001"
- Flatness: 0.000024"
- Ratchet stop
- Carbide tipped measuring faces
- Short form calibration certificate included



Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	A (Inch)	B (Inch)	C (Inch)	L (Inch)	Code	Price
0-1	0.001	±0.0001	0.35	0.12	1.1	1.26	910022	52.25
1-2	0.001	±0.0001	0.55	0.12	1.5	2.24	910023	58.47
2-3	0.001	±0.0001	0.59	0.12	1.93	3.23	910024	64.71
3-4	0.001	±0.00015	0.59	0.12	2.36	4.21	910025	71.87
4-5	0.001	±0.00015	0.65	0.12	2.87	5.24	910026	82.02
5-6	0.001	±0.00015	0.65	0.12	3.35	6.22	910027	92.93
6-7	0.001	±0.0002	0.76	0.12	4.09	7.2	910028	114.89
7-8	0.001	±0.0002	0.76	0.12	4.61	8.23	910029	126.39
8-9	0.001	±0.0002	0.76	0.12	5.12	9.21	910030	136.42
9-10	0.001	±0.00025	0.76	0.12	5.59	10.24	910031	152.78
10-11	0.001	±0.00025	0.76	0.12	6.1	11.22	910032	169.17
11-12	0.001	±0.00025	0.76	0.12	6.61	12.2	910033	179.49

## Outside Micrometer Sets

Inch

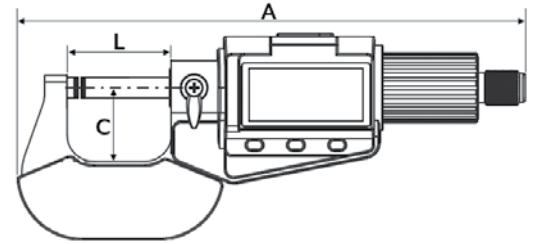
- Ratchet stop
- Short form calibration certificate included



Measuring Range (Inch)	Graduation (Inch)	Code	Price
0-3	0.0001	910017	148.30
0-4	0.0001	910018	210.94
0-6	0.0001	910019	359.75
0-12	0.0001	910021	1219.43
6-12	0.0001	910020	855.30

## Electronic Outside Micrometers

IP54 Coolant Proof



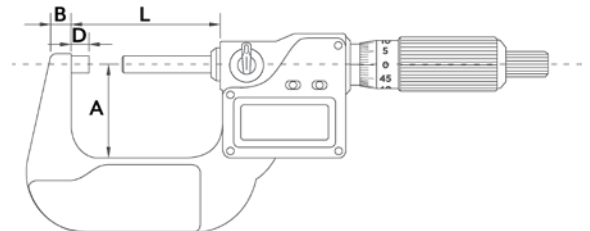
- Resolution: 0.00005"/0.001mm
- Carbide tipped measuring faces
- Upon switch on the display will read the actual absolute measuring position
- Automatic off to maximize battery life
- Inch/metric conversion
- Buttons: on/off/set, inch/mm/ABS, data
- Absolute or incremental measuring modes
- Battery: CR2032
- Short form calibration certificate included
- SPC cable data output: 910208
- Supports Bluetooth data transmission: Bluetooth data output: 910209, 910210
- Protection level IP54



Measuring Range (Inch)	Resolution (Inch/mm)	Accuracy (Inch)	L (mm)	A (mm)	C (mm)	Code	Price
0-1	0.00005/0.001	±0.0001	32	156	22.5	910128	131.46
1-2	0.00005/0.001	±0.0002	56.5	185.4	31	910129	155.36
2-3	0.00005/0.001	±0.0002	81.5	211.9	44	910130	161.93
3-4	0.00005/0.001	±0.0002	107.1	239.9	56	910127	154.23

## Electronic Outside Micrometers

IP65 Coolant Proof



- Resolution: Electronic: 0.00005"/0.001mm; Scale: 0.0001"/0.01mm
- Flatness: 0.000012"/0.3µm
- Ratchet stop
- Upon switch on the display will read the actual absolute measuring position
- Automatic on/off to maximize battery life
- Inch/metric conversion
- Buttons: on/off/set, inch/mm/ABS
- Absolute or incremental measuring modes
- Carbide tipped measuring faces
- Battery: CR2032
- Short form calibration certificate included
- Supports Bluetooth data transmission: Bluetooth data output: 910211
- Protection level IP65



Measuring Range (Inch)	Resolution (Inch/mm)	Accuracy (Inch)	A (mm)	L (mm)	B (mm)	D (mm)	Code	Price
8-9	0.00005/0.001	±0.0002	129.5	234	23	5.5	910125	522.23

### SET

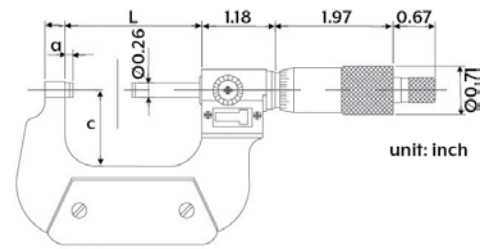
Measuring Range (Inch/mm)	Quantity	Code	Price
0-6/0-150	6	910126	3002.38

0 - 6" micrometers are also sold individually. Ask for more details.



## Outside Micrometers

Inch | With Counter



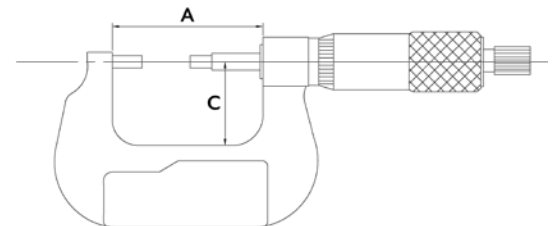
- Counter resolution: 0.001"
- Thimble graduation: 0.0001"
- Carbide measuring faces
- Ratchet stop
- Short form calibration certificate included



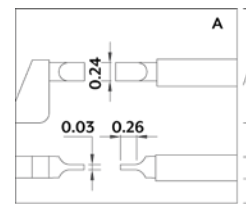
Measuring Range (Inch)	Counter Resolution (Inch)	Thimble Graduation (Inch)	Accuracy (Inch)	L (Inch)	a (Inch)	c (Inch)	Code	Price
0-1	0.001	0.0001	±0.0001	1.26	0.24	1.02	910139	105.89
1-2	0.001	0.0001	±0.00015	2.24	0.31	1.26	910140	171.87
2-3	0.001	0.0001	±0.0002	4.21	0.31	2.24	910156	134.01

## Blade Micrometers

Inch | Anvil Type A



- Graduation: 0.0001"
- Ratchet stop
- For measuring the groove diameter of shafts, keyways, and other hard to reach portions
- Non-rotating spindle
- Carbide tipped measuring faces
- Short form calibration certificate included



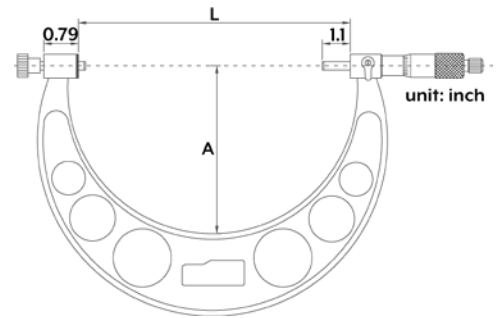
Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	A (Inch)	C (Inch)	Code	Price
0-1	0.0001	±0.0001	2.24	1.26	910099	305.78
1-2	0.0001	±0.0002	3.23	1.75	910100	330.81
2-3	0.0001	±0.0002	4.21	2.24	910101	373.38
3-4	0.0001	±0.0002	5.22	2.74	910102	404.13
4-5	0.0001	±0.0002	6.22	3.23	910103	450.70
5-6	0.0001	±0.0002	7.22	3.72	910104	487.41
6-7	0.0001	±0.0002	8.22	4.21	910105	549.03

## Outside Micrometers

### Inch | Interchangeable Anvil



- Graduation: 0.001"/0.0001"
- Flatness: 0.00004"
- Ratchet stop
- Interchangeable anvils provide wider measuring ranges
- Carbide tipped measuring faces
- Grey painted steel frame for models up to 12"
- Grey welded pipe frame for models over 12"
- Short form calibration certificate included



*Note: The individual anvils are matched as a set with the frame. The accuracy can't be guaranteed if used with a different frame.*

Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Qty. of Anvils	Qty. of Standards	A (Inch)	L (Inch)	Code	Price
0-6	0.001/0.0001	±0.0002	6	5	3.23	6.22	910113	422.66
6-12	0.001/0.0001	±0.0003	6	6	6.5	12.13	910106	541.78
12-16	0.001/0.0001	±0.0004	4	2	8.82	16.1	910107	773.07
16-20	0.001/0.0001	±0.0005	4	2	10.83	20.04	910108	931.61
20-24	0.001/0.0001	±0.0006	4	2	12.64	23.98	910109	1030.02
24-28	0.001/0.0001	±0.0006	4	2	14.61	27.91	910110	1189.17
28-32	0.001/0.0001	±0.0007	4	2	16.77	31.85	910111	1388.64



**SPI QUALITY MICROMETERS ARE PERFECT FOR MAKING ACCURATE MEASUREMENTS**

## Depth Micrometer

### Inch



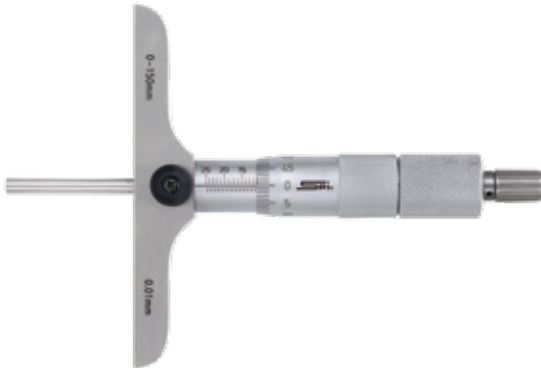
- Graduation: 0.001"
- Micrometers head accuracy: (0-1"): ±0.0001"
- Measuring inserts accuracy:  $\pm[0.001+0.0005(L/3)]$ "  
L=Maximum measuring length (inch)
- Ratchet stop
- Flat end
- Short form calibration certificate included



Measuring Range (Inch)	Graduation (Inch)	Base Length (Inch)	Qty. of Rods	Code	Price
0-6	0.001	4	6	910136	178.76

## Depth Micrometers

### Inch



- Graduation: 0.001"
- Micrometers head accuracy: (0-1"):  $\pm 0.0001$ "
- Measuring inserts accuracy:  $\pm [0.001 + 0.0005(L/3)]$ "  
L=Maximum measuring Length (inch)
- The integrity of the measurements are maintained throughout the total range of the measuring rods. However the measuring rods must be kept as a set and may not be interchangeable with other depth micrometer sets
- Ratchet stop
- Run through interchangeable rods
- Flat end
- Short form calibration certificate included



Measuring Range (Inch)	Graduation (Inch)	Base Length (Inch)	Qty. of Rods	Code	Price
0-6	0.001	101.5	6	910138	326.67
0-12	0.001	101.5	12	910137	522.21

## Electronic Depth Micrometers

### IP65 Coolant Proof



- Resolution: 0.00005"/0.001mm
- Micrometers head accuracy: (0-25mm / 0-1"): Metric:  $\pm 0.003$ mm; Inch:  $\pm 0.0001$ "
- Measuring inserts accuracy: Metric:  $\pm (2 + L/75) \mu\text{m}$ ; Inch:  $\pm [0.001 + 0.0005(L/3)]$ "  
L=Maximum measuring Length (mm) / (inch)
- Ratchet stop
- The integrity of the measurements are maintained throughout the total range of the measuring rods. However the measuring rods must be kept as a set and may not be interchangeable with other depth micrometer sets
- The measurement mode of Absolute or Incremental is displayed when turned on
- Automatic on/off
- Inch/metric conversion
- Buttons: on/off/set, ABS/INC/unit
- Battery: CR2032
- Support Bluetooth data transmission: Bluetooth data output: 910211
- Protection level IP65
- Flat end
- Short form calibration certificate included



Measuring Range (Inch)	Resolution (Inch)	Base Length (Inch)	Qty. of Rods	Code	Price
0-2	0.00005	63	2	910158	527.97
0-6	0.00005	101.5	6	910141	672.75
0-12	0.00005	101.5	12	910142	849.48



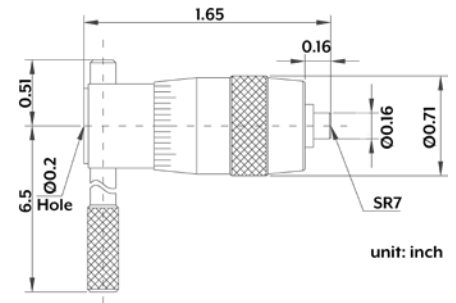
**TOOLS MARKED WITH LOGO INDICATES THEY ARE SUPPLIED WITH A SHORT FORM CALIBRATION CERTIFICATE AT NO ADDITIONAL COST**



## Inside Micrometers

### Inch | Interchangeable Rod Type

- Graduation: 0.001"
- Accuracy:  $[0.0003 + 0.00005 (L/2)]$ "  
L=Maximum measuring length (inch)
- Rods marked with its measuring range
- Satin chrome finish throughout
- All contact points hardened for extra long tool life
- With locking clamp
- Zero point can be readjusted by rotating the micrometer head sleeve
- Carbide tipped measuring faces
- Short form calibration certificate included

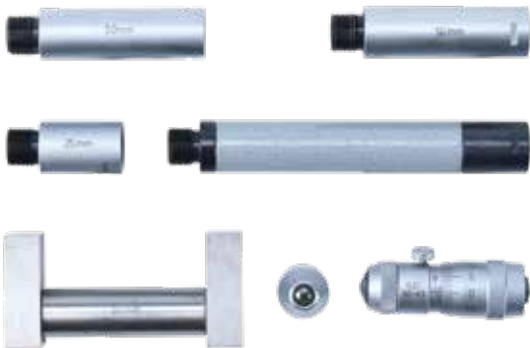


Measuring Range (Inch)	Head Travel (Inch)	Graduation (Inch)	Spacing Collar (Inch)	Diameter of Rods (Inch)	Included	Code	Price
2-8	0.50	0.001	0.500	Ø0.248	2" Mic Head, 6 Rods	910034	307.13
2-12	0.50	0.001	0.500	Ø0.248	2" Mic Head, 10 Rods	910035	335.07
8-20	1.00	0.001	1, 2	Ø0.355	8" Mic Head, 3 Rods	910036	419.60
8-40	1.00	0.001	1, 2	Ø0.355	8" Mic Head, 8 Rods	910037	1436.46

Note: Individual rods are matched with micrometer and should not be interchanged with other sets

## Tubular Inside Micrometers

### Inch



- Graduation: 0.001"
- Accuracy:  $[0.00005 (3+L/2)]$ "  
n=number of rod, L=Maximum measuring length (inch)
- Offers a wide range of ID measurements by combining extension rods with the micrometer head
- Supplied with setting standards
- The combining of extension rods provides a wide measuring range
- Carbide measuring faces
- Diameter of extension rod: Ø0.61"
- Short form calibration certificate included

Measuring Range (Inch)	Graduation (Inch)	Extension Rods (Inch)	Included	Code	Price
2-12	0.001	0.5, 1, 2 (2pcs), 4	0.50", 0.001" Mic Head	910038	377.22
2-20	0.001	0.5, 1, 2 (2pcs), 4, 8	0.50", 0.001" Mic Head	910039	404.55
2-40	0.001	0.5, 1, 2, 4 (2pcs), 6, 8, 12	0.50", 0.001" Mic Head	910040	882.56
2-60	0.001	0.5, 1, 2, 4 (2pcs), 6, 8 (2pcs), 12 (2pcs)	0.50", 0.001" Mic Head	910041	1244.37

## Electronic Three Point Internal Micrometer Sets

Inch & Metric | IP65 Coolant Proof



- Battery: CR2032
- With data output – SPC cable optional: 910237
- Short form calibration certificate included



Inch

Measuring Range (Inch)	Includes	Setting Rings (Inch)	Extension Rod (Inch)	Code	Price
0.5-0.8	2pcs - 0.5-0.65", 0.65-0.8"	0.65	6	910118	1964.34
0.8-2	4pcs - 0.8-1", 1-1.2", 1.2-1.6", 1.6-2"	1, 1.6	6	910119	4288.83
2-4	4pcs - 2-2.5", 2.5-3", 3-3.5", 3.5-4"	2.5, 3.5	6	910122	5053.30

Metric

Measuring Range (mm)	Includes	Setting Rings (mm)	Extension Rod (mm)	Code	Price
6-12	3pcs - 6-8, 8-10, 10-12mm	6, 8, 10	100	910114	2272.97
20-50	4pcs - 20-25, 25-30, 30-40, 40-50mm	25, 40	150	910115	3216.47

## Electronic Three Point Internal Micrometers

Inch | IP65 Coolant Proof | Two Buttons



- Resolution: 0.00005"/0.001mm
- Ratchet stop
- Battery: CR2032
- Buttons: on/off/set, ABS/INC/unit
- Setting ring supplied
- Measuring contact points are designed to allow measurements near to the bottom of blind holes
- Additional extensions can be added to increase the measuring depth
- Measuring surfaces are carbide
- Support Bluetooth data transmission: Bluetooth data output: 910211
- Protection level IP65
- Short form calibration certificate included



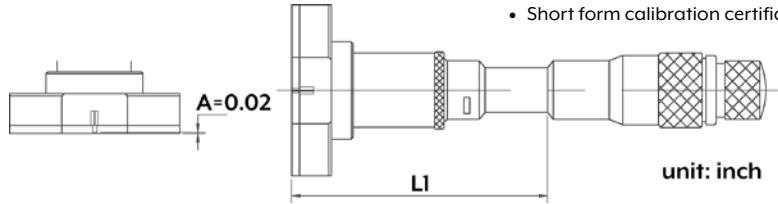
Measuring Range (Inch)	Resolution (Inch)	Accuracy (Inch)	Setting Ring (Inch)	LI (Inch)	A (Inch)	Extension Rod (Inch)	Code	Price
0.65-0.8	0.00005	±0.0001	0.65	3.2	0.07	6	910145	1018.10
1-1.2	0.00005	±0.0002	1	3.6	0.07	6	910146	1060.08
1.2-1.6	0.00005	±0.0002	1.6	3.88	0.07	6	910147	1220.04
1.6-2	0.00005	±0.0002	1.6	3.88	0.07	6	910148	1159.05
3-3.5	0.00005	±0.0002	3.5	4.56	0.07	6	910120	1347.90
3.5-4	0.00005	±0.0002	3.5	4.56	0.07	6	910121	1424.25

## Electronic Three Point Internal Micrometers

Inch | IP65 Coolant Proof | Two Buttons



- Resolution: 0.00005"/0.001mm
- Ratchet stop
- Battery: CR2032
- Buttons: on/off/set, ABS/INC/unit
- Measuring contact points are designed to allow measurements near to the bottom of blind holes
- Additional extensions can be added to increase the measuring depth
- Measuring surfaces are carbide
- Setting rings are not included with the set but are optional
- Support Bluetooth data transmission: Bluetooth data output: 910211
- Protection level IP65
- Short form calibration certificate included



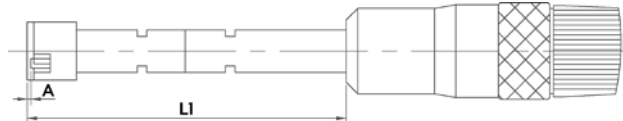
Measuring Range (Inch)	Resolution (Inch)	Accuracy (Inch)	Setting Ring Optional (Inch)	L1 (Inch)	A (mm)	Extension Rod (Inch)	Code	Price
4-5	0.00005	±0.0002	4	5.8	0.5	6	910123	1553.24
6-7	0.00005	±0.0002	6	5.8	0.5	6	910124	1935.43

## Three Point Internal Micrometers

Inch



- Graduation: 0.0002"
- Ratchet stop
- Setting ring supplied
- Measuring contact points are designed to allow measurements near to the bottom of blind holes
- Additional extensions can be added to increase the measuring depth
- Measuring surfaces are carbide
- Short form calibration certificate included



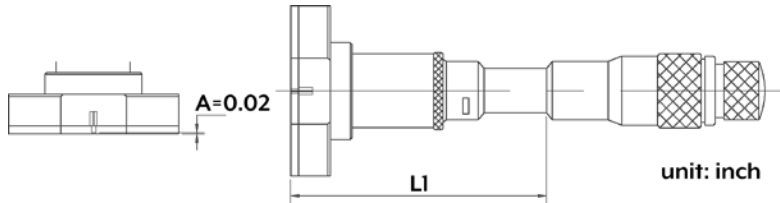
Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Setting Ring (Inch)	L1 (Inch)	A (Inch)	Extension Rod (Inch)	Code	Price
0.5-0.65	0.0002	±0.0001	0.65	3.2	0.02	6	910150	517.75
0.65-0.8	0.0002	±0.0001	0.65	3.2	0.02	6	910132	517.75
0.8-1	0.0002	±0.0001	1	3.6	0.02	6	910151	727.61
1-1.2	0.0002	±0.0002	1	3.6	0.02	6	910152	727.61
1.2-1.6	0.0002	±0.0002	1.6	3.88	0.02	6	910134	800.87
1.6-2	0.0002	±0.0002	1.6	3.88	0.02	6	910153	930.45
2-2.5	0.0002	±0.0002	2.5	4.56	0.02	6	910154	1019.97

## Three Point Internal Micrometers

Inch



- Graduation: 0.0002"
- Ratchet stop
- Measuring contact points are designed to allow measurements near to the bottom of blind holes
- Additional extensions can be added to increase the measuring depth
- Measuring surfaces are carbide
- Setting ring optional
- Short form calibration certificate included



Setting Ring Optional



Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Setting Ring Optional (Inch)	L1 (Inch)	A (mm)	Extension Rod (Inch)	Code	Price
5-6	0.0002	±0.0002	5	5.8	0.5	6	910155	1268.40

## Three Point Internal Micrometer Sets

Inch



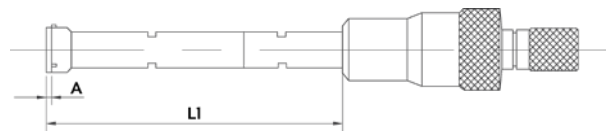
- Short form calibration certificate included

Inch

Measuring Range (Inch)	Includes	Setting Rings (Inch)	Extension Rod (Inch)	Code	Price
0.5-0.8	2pcs - 0.5-0.65", 0.65-0.8"	0.65	6	910133	963.66
0.8-2	4pcs - 0.8-1", 1-1.2", 1.2-1.6", 1.6-2"	1, 1.6	6	910135	2814.95

## Three Point Internal Micrometers

Inch



- Graduation: 0.0001"
- Ratchet stop
- Setting ring supplied
- Measuring contact points are designed to allow measurements near to the bottom of blind holes
- Short form calibration certificate included

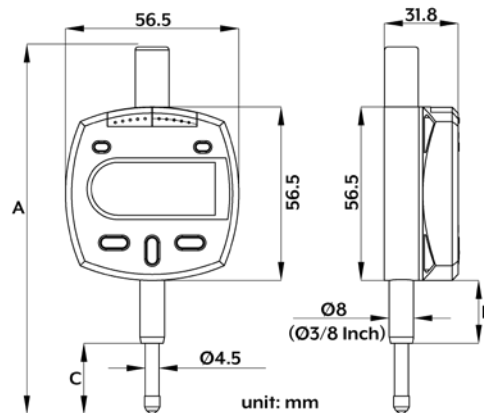
Measuring Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Setting Ring (Inch)	LI (Inch)	A (Inch)	Extension Rod (Inch)	Code	Price
0.35-0.425	0.0001	±0.0001	0.35	2.18	0.06	4	910149	535.52



**SPI IS COMMITTED TO DELIVERING QUALITY & VALUE EVERY TIME. GUARANTEED...**

## Electronic Indicators

Inch & Metric | ABS



- Resolution: Inch: 0.0005"; 0.00005"; Metric: 0.01mm; 0.001mm
- The maximum, minimum, or runout value can be displayed during measurement.
- Tolerance measurement feature allows for the upper and lower tolerance for maximum and minimum.
- Inch/metric and ABS/INC conversion
- Buttons: on/off/zero, ABS/INC, inch/mm, TOL, RAN
- Battery: CR2032
- Flat back (attached) and lug back supplied
- Ø8mm stem diameter for metric models
- Ø3/8" stem diameter for inch models
- Short form calibration certificate included
- SPC cable data output: 910212



Inch

Measuring Range (Inch)	Resolution (Inch)	Accuracy (Inch)	A (mm)	B (mm)	C (mm)	Code	Price
0-4	0.0005	±0.0015	396	35	102	910160	1050.50

Metric

Measuring Range (mm)	Resolution (mm)	Accuracy (mm)	A (mm)	B (mm)	C (mm)	Code	Price
0-101.6	0.01	0.03	396	35	102	910159	1042.04

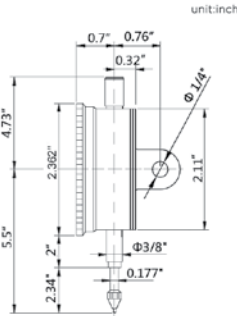


## Dial Indicators

Inch | AGD2



910049



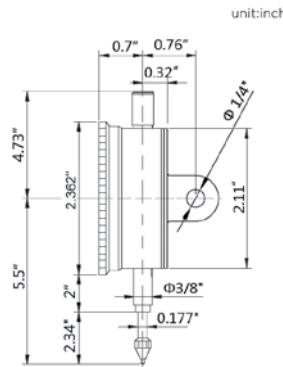
- Graduation: 0.001"/0.0005"
- Stem Diameter: Ø3/8"
- Easy to read dial face
- Internal tolerance marker
- Flat back (attached) and lug back supplied
- With counter pointer
- Short form calibration certificate included

Inch

Measuring Range (Inch)	Graduation (Inch)	Range/Rev. (Inch)	Dial Reading	Accuracy		Code	Price
				First 2.5 rev (Inch)	Overall (Inch)		
0-2	0.001	0.1	0-100	±0.001	±0.004	910048	103.21
0-2	0.0005	0.1	0-50	±0.0005	±0.002	910049	141.89



910054



- Graduation: 0.001"
- Easy to read dial face
- Internal tolerance marker
- Flat back (attached) and lug back supplied
- With counter pointer
- Short form calibration certificate included

Inch

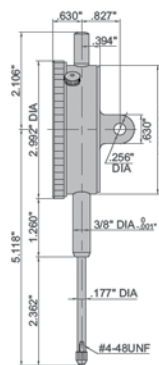
Measuring Range (Inch)	Graduation (Inch)	Range/Rev. (Inch)	Dial Reading	Accuracy		Code	Price
				First 2.5 rev (Inch)	Overall (Inch)		
0-2	0.001	0.1	0-100	±0.001	±0.004	910054	129.11

## Dial Indicators

Inch | AGD3



910051



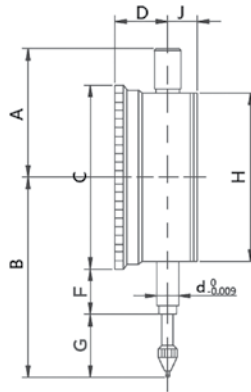
- Graduation: 0.001"
- Easy to read dial face
- Internal tolerance marker
- Flat back (attached) and lug back supplied
- Short form calibration certificate included

Inch

Measuring Range (Inch)	Graduation (Inch)	Range/Rev. (Inch)	Dial Reading	Accuracy		Code	Price
				First 2.5 rev (Inch)	Overall (Inch)		
0-2	0.001	0.1	0-100	±0.001	±0.004	910051	105.30

## Dial Indicators

Metric | AGD2



- Graduation: 0.01mm
- Stem Diameter: Ø8mm
- Easy to read dial face
- Jeweled
- Internal tolerance marker
- Flat back (attached) and lug back supplied
- With counter pointer
- Short form calibration certificate included



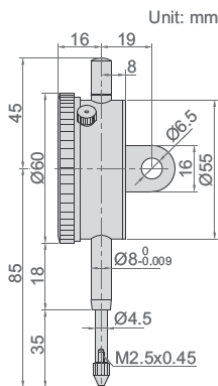
910050

Metric

Measuring Range (mm)	Graduation (mm)	Range/Rev. (mm)	Dial Reading	Accuracy (mm)	Hysteresis (mm)	A (Inch)	B (Inch)	C (mm)	D (mm)	F (mm)	G (mm)	H (mm)	J (mm)	d (mm)	Code	Price
0-30	0.01	1	0-100	0.035	0.007	37.5	88	58	16	21.5	37.5	53.5	9	Ø8	910050	113.79



SPI QUALITY INDICATORS ARE PERFECT TOOLS FOR PRECISE MEASUREMENTS



- Graduation: 0.1mm
- Easy to read dial face
- Internal tolerance marker
- Flat back (attached) and lug back supplied
- Short form calibration certificate included



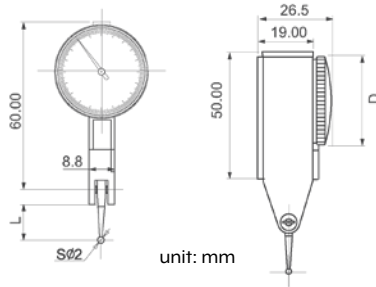
910053

Metric

Measuring Range (mm)	Graduation (mm)	Dial Reading	Accuracy (mm)	Hysteresis (mm)	Code	Price
0-25	0.1	0-10	0.05	0.015	910053	104.52

## Dial Test Indicators

Horizontal | Inch & Metric



- Graduation: Inch: 0.0001"; 0.0005"; Metric: 0.002mm; 0.01mm
- Jeweled bearings
- Inch unit comes with Ø3/8" dovetail stem
- Metric unit comes with Ø8mm dovetail stem
- Easy to read face
- Ruby contact point
- Short form calibration certificate included



### Inch

Measuring Range (Inch)	Graduation (Inch)	Dial Reading	Accuracy (Inch)	L (Inch)	Code	Price
D: Ø32mm/Ø1.26" Diameter						
0.008	0.0001	0-4-0	±0.0001	0.5	910056	167.46
0.03	0.001	0-15-0	±0.001	0.53	910057	96.09
0.03	0.0005	0-15-0	±0.0005	0.53	910058	125.66

### Metric

Measuring Range (mm)	Graduation (mm)	Dial Reading	Accuracy (mm)	Hysteresis (mm)	L (mm)	Code	Price
D: Ø32mm/Ø1.26" Diameter							
0.8	0.01	0-40-0	0.013	0.003	14.4	910055	178.32

### Inch

Measuring Range (Inch)	Graduation (Inch)	Dial Reading	Accuracy (Inch)	L (Inch)	Code	Price
D: Ø40mm/Ø1.57" Diameter						
0.008	0.0001	0-4-0	±0.0001	0.5	910059	168.17
0.03	0.001	0-15-0	±0.001	0.53	910060	99.29
0.03	0.0005	0-15-0	±0.0005	0.53	910061	101.55
0.03	0.0005	0-15-0	±0.0005	0.94	910062	179.44

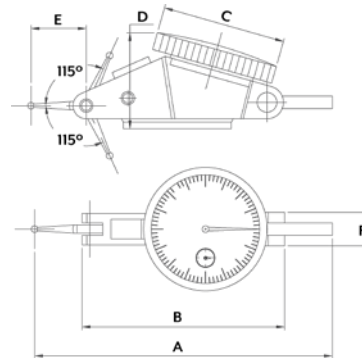


MEASURE UP. DELIVERING QUALITY & VALUE



## Dial Test Indicator

Inch | Horizontal | Extended Range



- Graduation: 0.0005"
- Jeweled bearing design and resistant to magnetic fields
- Stem diameter: 5/32"
- Ruby contact point swivel 210 degrees
- Short form calibration certificate included

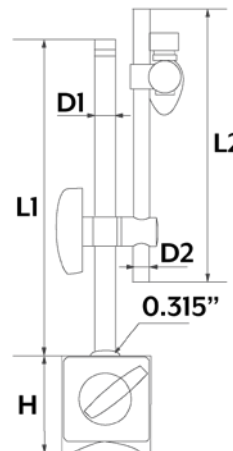
Measuring Range (Inch)	Graduation (Inch)	Dial Reading	Accuracy (Inch)	A (Inch)	B (Inch)	C (Inch)	D (Inch)	E (Inch)	F (Inch)	Code	Price
Ø38mm/Ø1.50" Diameter											
0.060	0.0005	0-15-0	±0.0008	3.58	2.52	1.5	1.42	0.78	0.48	910063	212.27

## Magnetic Base Stands



910064

910065

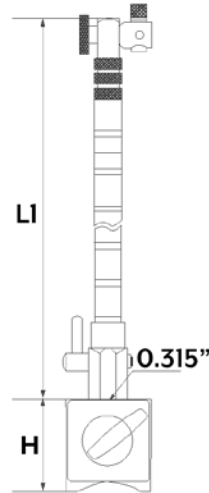


- Accepts test indicators with dovetail clamping mechanism
- Dial gauges can be held by the 3/8" or 8mm diameter stem or by the lug backing plate
- The rotary knob switches magnet on or off
- The precision surfaces and the bottom V are securely fastened to the ferrous workpiece or machine table when the rotary knob is in the on position
- 910065 with Fine Adjustment

Magnetic Force (lbf/kgf)	Magnetic Base L x W x H (Inch)	Main Stem		Sub Pole		Diameter of Hole (Inch/mm)	Code	Price
		Diameter D1 (Inch)	Length L1 (Inch)	Diameter D2 (Inch)	Length L2 (Inch)			
176.37/80	2.36 x 1.97 x 2.17	Ø0.47	6.93	Ø0.39	6.5	Ø3/8/Ø8	910064	32.73
176.37/80	2.36 x 1.97 x 2.17	Ø0.47	6.93	Ø0.39	5.91	Ø3/8/Ø8	910065	30.31
176.37/80	2.36 x 1.97 x 2.17	Ø0.63	9.84	Ø0.47	7.87	Ø3/8/Ø8	910067	79.32
220.46/100	2.87 x 1.97 x 2.17	Ø0.79	13.98	Ø0.47	7.87	Ø3/8/Ø8	910066	93.42

## Magnetic Base Stand

### Flexible Arm

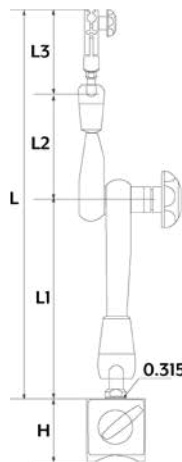


- Accepts test indicators with dovetail clamping mechanism
- Dial gauges can be held by the 3/8" or 8mm diameter stem or by the lug backing plate
- The rotary knob switches natural magnet on or off

Magnetic Force (lbf/kgf)	Magnetic Base L x W x H (Inch)	Main Stem Length L1 (Inch)	Diameter of Hole (Inch/mm)	Code	Price
176.37/80	2.36 x 1.97 x 2.17	14.17	Ø3/8/Ø8	910166	74.10

## Magnetic Base Stands

### Articulating Arm | Fine Adjustment



- Accepts test indicators with dovetail clamping mechanism
- Dial gauges can be held by the 3/8" or 8mm diameter stem or by the lug backing plate
- Arm has 3 articulating joints that can be locked with the single hand knob
- The rotary knob switches natural magnet on or off
- The precision surfaces and the bottom V are securely fastened to the ferrous workpiece or machine table when the rotary knob is in the on position

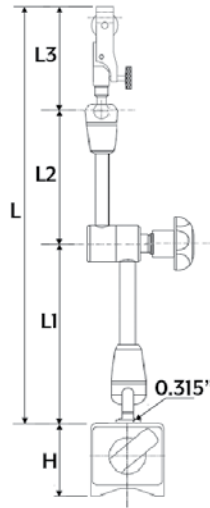
Magnetic Force (lbf/kgf)	Magnetic Base L x W x H (Inch)	Arm				Diameter of Hole (Inch/mm)	Code	Price
		L1 (Inch)	L2 (Inch)	L3 (Inch)	L (Inch)			
88.18/40	1.38 x 1.18 x 1.38	2.95	2.01	3.11	8.07	Ø3/8/Ø8	910165	158.29
176.37/80	2.36 x 1.97 x 2.17	5.51	4.72	3.35	13.58	Ø3/8/Ø8	910161	70.14

## Magnetic Base Stands

Articulating Arm | Fine Adjustment



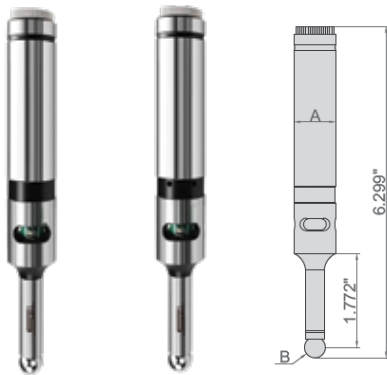
910162



- Accepts test indicators with dovetail clamping mechanism
- Dial gauges can be held by the 3/8" or 8mm diameter stem or by the lug backing plate
- Arm has 3 articulating joints that can be locked with the single hand knob
- The rotary knob switches natural magnet on or off
- The precision surfaces and the bottom V are securely fastened to the ferrous workpiece or machine table when the rotary knob is in the on position

Magnetic Force (lbf/kgf)	Magnetic Base L x W x H (Inch)	Arm				Diameter of Hole (Inch/mm)	Code	Price
		L1 (Inch)	L2 (Inch)	L3 (Inch)	L (Inch)			
176.37/80	2.36 x 1.97 x 2.17	4.02	2.87	3.43	10.31	Ø3/8/Ø8	910164	175.80
176.37/80	2.36 x 1.97 x 2.17	6.38	4.06	3.43	13.94	Ø3/8/Ø8	910163	218.28
220.46/100	2.87 x 1.97 x 2.17	8.35	6.85	3.43	18.58	Ø3/8/Ø8	910162	262.69

## Electronic Edge Finders



- The shank is electrically conducted to the metal workpiece through the chuck and table, the LED lights up and the beeper sounds (only for 910076), when the ball touches the workpiece
- Not suitable for rotary use
- Hardened shank and contact ball
- Battery: Alkaline LRI

Shank A (Inch)	Contact B (Inch)	Accuracy (Inch)	Beeper	Code	Price
3/4	0.4	0.0002	Without	910075	133.98
3/4	0.4	0.0002	With	910076	167.19

## Telescoping Gauges

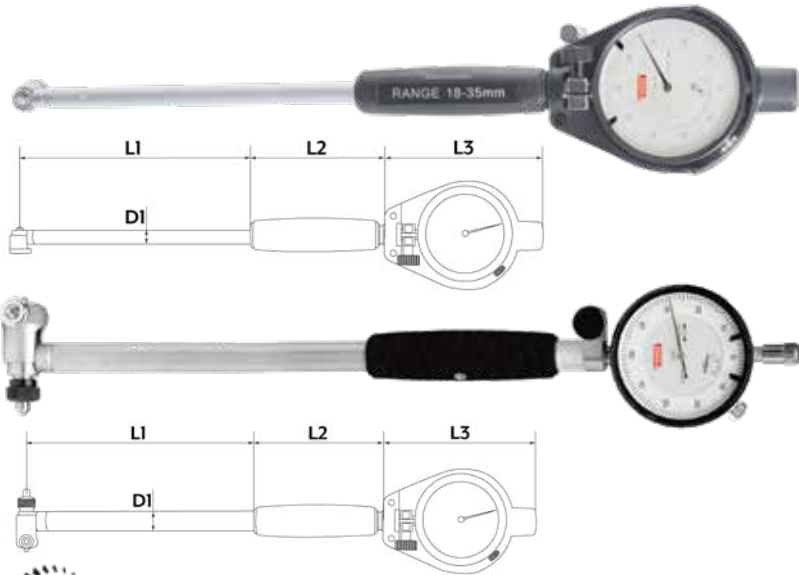


- Spring-loaded plunger expands within the bore (or groove), allowing determination of the internal diameter
- With a knurled clamp

Measuring Range (Inch/mm)	Quantity	Code	Price
5/16-6/8-150	6pcs - A, B, C, D, E, F	910174	52.53

## Dial Bore Gauges

Inch



- Movable probe pin with carbide ball
- 0.24-0.4" range is with fixed anvils
- 0.4-0.74" range is with plate guide and fixed anvils
- 0.7-1.4" range is with canister and fixed anvils
- Over 1.4" range is with wheel guide and inserting anvils
- Short form calibration certificate included



Measuring Range (Inch)	Graduation (Inch)	Dial Travel (Inch)	Accuracy (Inch)	No. of Anvils	No. of Spacers	No. of Sub-anvils	Probe Depth (Inch)	L1 (Inch)	L2 (Inch)	L3 (Inch)	D1 (Inch)	Code	Price
0.7-1.5	0.0005	0.25 (AGD2)	±0.0007	11	2	—	6	5.91	3.94	3.15	0.35	910168	287.34
1.4-2.4	0.0005	0.25 (AGD2)	±0.0009	6	4	—	6	5.91	3.94	3.15	0.5	910170	283.80
2-6	0.0005	0.25 (AGD2)	±0.0009	11	4	1	6	5.91	3.94	3.15	0.5	910171	299.93
6-10	0.0005	0.25 (AGD2)	±0.0009	6	6	1	16	16.06	3.94	3.15	0.57	910167	253.62
10-16	0.0005	0.25 (AGD2)	±0.0009	6	6	2	16	16.06	3.94	3.15	0.57	910169	293.36



- Short form calibration certificate included

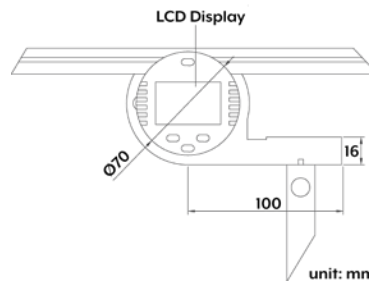


910172

910173

Measuring Range (Inch)	Graduation (Inch)	Dial Travel (Inch)	Accuracy (Inch)	Repeatability (Inch)	Code	Price
1.4-6	0.0005	0.25 (AGD2)	1.4-2 ±0.0009 2-6 ±0.0009	0.00015	910172	224.96
0.7-6	0.0005	0.25 (AGD2)	0.7-1.5 ±0.0007 1.4-2 ±0.0009 2-6 ±0.0009	0.00015	910173	461.49

## Electronic Protractor 0-360°

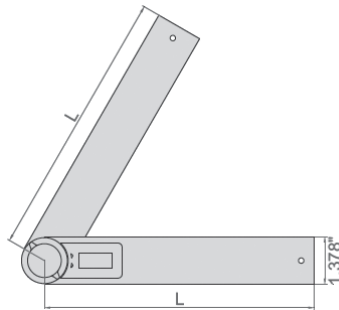


- Resolution: 10"
- Measuring Range: 0-360°
- Range selection: 1 x 360°, 2 x 180°, 4 x 90°
- Dual reading LCD display arc minutes/decimal degrees
- Buttons: on/off/zero, set, mode
- Battery: CR2032
- With fine adjustment
- Preset function
- Short form calibration certificate included



Measuring Range	Resolution (Inch)	Accuracy (Inch)	Blades Included	Code	Price
0-360°	10	±5	Two blades: 150mm/6", 300mm/12"	910070	812.40

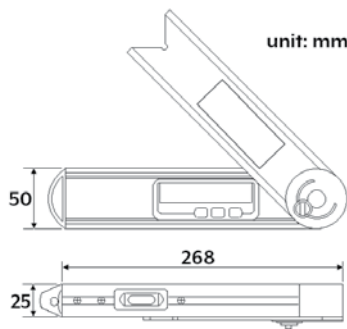
## Electronic Protractors



- Graduation of blade: 1mm and 1/32"
- Buttons: on/off, zero
- With clamping screw to lock the blades
- Made of stainless steel
- Automatic power off
- Battery: CR2032

Measuring Range	Size L (Inch)	Resolution	Accuracy	Code	Price
0-360°	8	0.1°	±0.3°	910071	79.35
0-360°	12	0.1°	±0.3°	910072	60.95

## Electronic Protractor (Angle Gauge)



- Direct display angle values
- Easy lock angle system
- Specific HOLD key to lock the data
- V-groove design
- Battery: CR2032

Measuring Range	Resolution	Accuracy	Code	Price
0-360°	0.05°	±0.15°	910069	116.33

## Miniature Electronic Protractor



- This protractor provides an immediate digital reading of any angle in a full circle with 0°-90°-0°-90°-0° readings
- The machined Aluminum frame is rigid and light with a precise platform that allows the sensor and its microprocessor circuit to provide high accuracy throughout the entire 360° range
- Four 90° quadrants for display purposes
- Calibrates in minutes without any special fixtures
- Buttons: on/off, zero
- Battery: AAA

Measuring Range	Resolution	Accuracy	Code	Price
4 x 90°	0.1°	±0.2°	910068	98.03

## Combination Square Sets

### 2-Piece & 4-Piece



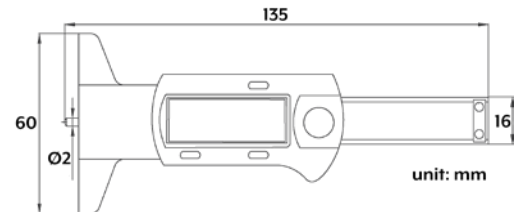
- Center head (made of cast iron): To locate center of cylinder with diameter (d): 1.181" DIA-3.937" DIA , Accuracy:  $\pm 0.006$ "
- Protractor head (made of cast iron): Set the blade at desired angle to an edge of a workpiece, and can be used to measure angles range: 0-180°, accuracy:  $\pm 20$ min.
- Square head (made of cast iron): Set the blade at 90° or 45° to an edge of a workpiece, Accuracy:  $\pm 8$ min for 90° square,  $\pm 10$ min for 45° square
- Blades are hardened and tempered for durability
- Square head has level and pointed attachment for hand scribing
- Micro-fine blade graduations
- Gauge heads are hardened cast finished in baked enamel with exception of the measurement faces

Description	Blade Length (Inch)	Blade Graduation	Code	Price
4pc Set	12	4R (1/8", 1/16", 1/32", 1/64")	910175	193.91
2pc Set	12	4R (1/8", 1/16", 1/32", 1/64")	910177	58.47

## Electronic Depth Gauge



- Resolution: 0.0005"/0.01mm
- Zero setting at any position
- Inch/metric conversion
- Buttons: on/off, zero, ABS, inch/mm
- Battery: CR2032
- Spherical end anvil
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Base Length (mm)	Code	Price
0-1.2/0-30	0.0005/0.01	$\pm 0.0015/\pm 0.03$	60	910187	124.92



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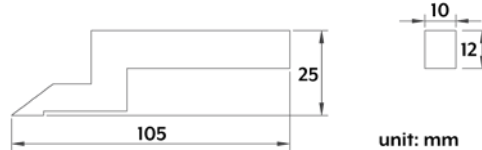
## Electronic Height Gauges

### Single Beam | With Hand Wheel



910200

- Resolution: 0.0005"/0.01mm
- Large LCD display
- Hand wheel designed for fine adjustment
- Inch/metric conversion at any position
- Battery: LR44
- Zero setting at any position
- Carbide tipped scriber provided
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Code	Price
0-12/0-300	0.0005/0.01	±0.0015/±0.04	910200	710.12
0-24/0-600	0.0005/0.01	±0.0020/±0.05	910201	989.53

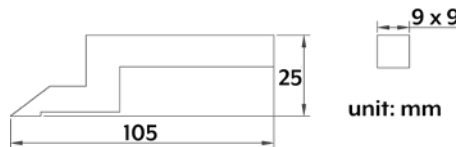
## Electronic Height Gauges

### Double Beam



910198

- Resolution: 0.0005"/0.01mm
- Large LCD display
- Inch/metric system conversion
- Battery: LR44
- High precision, measurement more accurate
- Designed with hand wheel micro-adjustable rack and pinion for precision positioning
- Can be used with a test indicator and holder for precise measurement
- Short form calibration certificate included

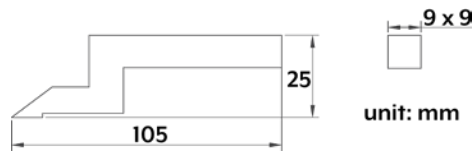


Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Code	Price
0-12/0-300	0.0005/0.01	±0.001/±0.02	910197	1115.04
0-24/0-600	0.0005/0.01	±0.0015/±0.03	910198	1794.92

## Electronic Height Gauge Double Beam



- Resolution: 0.0005"/0.01mm
- Large LCD display
- Inch/metric system conversion
- Battery: CR2450
- High precision, measurement more accurate
- Designed with hand wheel micro-adjustable rack and pinion for precision positioning
- Can be used with a test indicator and holder for precise measurement
- External digital data input function, no need to repeat dial "0" to achieve rapid detection
- Built in bluetooth data transmission (optional)
- Short form calibration certificate included
- Support SPC data output type
- SPC cable data output: 910208 (Support SPC data output type)
- Wireless data output: (Support SPC data output type)
- Transmitting Device: 910213, 910214
- Receiver Device: 910205
- Bluetooth data output: 910209, 910210 (Support SPC data output type)

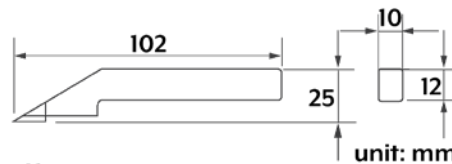


Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Code	Price
0-24/0-600	0.0005/0.01	±0.0015/±0.03	910199	<b>1413.10</b>

## Electronic Height Gauges



- Resolution: 0.0005"/0.01mm
- Origin memory eliminates the need to zero the reading each time the height gauge is turned on
- Can be used with a test indicator and holder for precise measurement
- Inch/metric conversion
- Battery: LR44
- The fine-adjustment allows the slider to be precisely positioned
- The base is designed with a thermal heat isolation hand grip
- Short form calibration certificate included



Measuring Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch/mm)	Code	Price
0-12/0-300	0.0005/0.01	±0.0015/±0.04	910194	<b>590.78</b>
0-20/0-500	0.0005/0.01	±0.0020/±0.05	910195	<b>738.87</b>
0-24/0-600	0.0005/0.01	±0.0020/±0.05	910196	<b>968.82</b>
0-40/0-1000	0.0005/0.01	±0.0030/±0.07	910193	<b>2399.96</b>

910196

## Electronic LEEB Hardness Testers



- Self-contained (Impact Device D integrated): no cables
- Integrated impact direction sensor
- 360° testing direction automatic identification
- Various hardness value conversion, HRB, HRC, HV, HB, HSD, HL
- Memory stores 500 records
- Wireless printing capability
- Automatic power off after five minutes
- Battery: Lithium-ion, rechargeable
- Short form calibration certificate included



Measuring Range	Accuracy	Code	Price
0-999HLD	±4HLD	910073	774.36



- Impact Device D
- Large screen (5 inches), showing all functions and parameters with background light
- Hardness test can be taken at any angle including inverted
- A wide measuring range supports the hardness of all metallic materials. Hardness results are directly displayed in HRB, HRC, HV, HB, HSD, HL, Mpa hardness scales
- Supports a variety of Richter sensors (DC, DL, C, D+15, G)
- Memory stores 500 records
- Tolerance alarm function
- Wireless printing capability
- Automatic power off after five minutes
- Battery: Lithium-ion, rechargeable
- Printer included
- Short form calibration certificate included



Measuring Range	Accuracy	Code	Price
170-960HLD	±5HLD	910074	1897.90



Printer included



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## Surface Roughness Testers



Code 910077 | Price **3774.13**



- 2.5-inch color screen, provide high brightness, wide viewing angle
- Display full information, intuitive and graphical displays all parameters
- DSP chip control and data processing, high speed, low power consumption
- 4 Profile Filter: Gauss RC PC-RC D-P
- Multi parameters: Ra, Rz, Ry, Rq, Rc, Rt, Rmax, Rp, Rv, R3z, R3y, Rz (JIS), Rs, Rsk, Rku, Rsm, Rpc, Rmr
- Complies with standards: ISO, DIN, ANSI, JIS
- Can switch the display direction, convenient for left and right hand operation
- Data can be sent to Excel by connecting to computers via bluetooth or SPC cable - Support bluetooth printer
- Memory stores 100 records and measuring profiles
- With automatic sleep, automatic shutdown power saving features
- Short form calibration certificate included

**INCLUDES:** Main Unit, Small Hole Sensor, Calibration Block and Support, Adjustable Stand, Probe Cover, Software and USB Cable, AC/DC Adapter

Measuring Range	X Axis: 17.5mm/0.69"; Z Axis: 160µm /6300µin	
Resolution (Ra)	0.001µm	
Accuracy	±10%	
Probe	Type	Inductive
	Stylus Radius/Angle	5µm/90°
	Stylus Material	Diamond
Measuring Force	4mN	
Sampling Length	0.25, 0.8, 2.5mm	
Measuring Speed	0.135, 0.5, 1mm/s, 1mm/s (Return)	
Size	142 x 55 x 40mm	
Power Supply	Built-In 800mAh Rechargeable Lithium Ion Battery	



Code 910078  
Price **3415.35**



- 3.5-inch color graphic touch screen, provide high brightness, wide viewing angle
- Display full information, intuitive and graphical displays all parameters
- DSP chip control and data processing, high speed, low power consumption
- 4 Profile Filter: Gauss RC PC-RC D-P
- Multi parameters: Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, Rz (JIS), Rs, Rsk, Rsm, Rku, Rc, Ry, Rmax, Rmr, R3p, Rk, Rpk, Rvk, Mr1, Mr2
- Complies with the following standards: ISO, DIN, ANSI, JIS
- Support Bluetooth printer and mobile APP wireless operation
- Memory stores 100 records and measuring profiles
- With automatic sleep, automatic shutdown power-saving features
- Connect to the computer and printer
- Short form calibration certificate included

**INCLUDES:** Main Unit, Axe Sensor, Calibration Block and Support, Adjustable Stand, Probe Cover, Software and USB Cable, AC/DC Adapter

Measuring Range	X Axis: 17.5mm/0.69"; Z Axis: 320µm /12600µin	
Resolution (Ra)	0.001µm	
Accuracy	±10%	
Probe	Type	Inductive
	Stylus Radius/Angle	5µm/90°
	Stylus Material	Diamond
Measuring Force	4mN	
Sampling Length	0.25, 0.8, 2.5mm	
Measuring Speed	0.135, 0.5, 1mm/s, 1mm/s (Return)	
Size	Control Unit: 160 x 64 x 53mm	
Power Supply	Drive Unit: 115 x 23 x 27mm	
	Built-In 3200mAh Rechargeable Lithium Ion Battery	



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