

## HIGH PRECISION DIGITAL MICROMETERS/SNAP GAUGES

ONE TURN OF SLEEVE MAKES 10MM SPINDLE FEED, PRESS THE FORK, THE SPINDLE RETRACTS 3MM

MEASUREMENT ACCURACY IS NOT AFFECTED BY THE USE OF SLEEVE

**IP65**  
WATERPROOF

DATA  
OUTPUT

ABSOLUTE ENCODER, THE ORIGINAL  
DATA REMAINS AFTER POWER OFF

ATTENTION: RECHARGEABLE BATTERY,  
FOR 24 HOURS CONTINUOUS WORKING

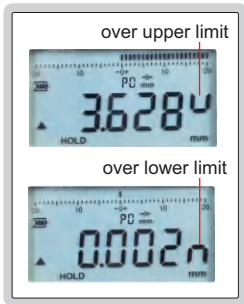
NON-ROTATING  
SPINDLE

INSPECTION  
CERTIFICATE



6

alarm when  
over tolerance



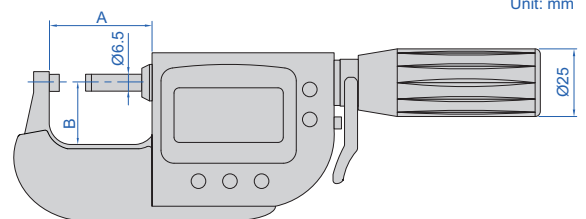
3359-25

wireless receiver

2134-R1, 2134-R2 (optional)



- Absolute encoder, the original data remains after power off
- Resolution: 0.0001mm/0.00001"
- One turn of sleeve makes 10mm spindle feed
- Measurement accuracy is not affected by the use of sleeve
- Press the fork, the spindle retracts 3mm
- Carbide measuring faces
- Measuring force 5-10N
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, zero, mm/inch
- Power: rechargeable battery, for 24 hours continuous working



Unit: mm

### With data interface

Optional accessory:

wireless transmitter code **7315-3350** (receiver is needed) page 7

data output cable (keyboard format) code **7302-3350** page 21

Code	Range	Accuracy	Repeatability	Measuring faces		A	B
				flatness	parallelism		
3359-25*	0-25mm/0-1"	±0.5µm	0.3µm	0.3µm	0.6µm	38mm	24mm

### Built-in wireless

Optional accessory:

wireless receiver (keyboard format, connect up to 15 digital indicators), code **2134-R1**

wireless receiver (serial port format, connect up to 15 digital indicators), code **2134-R2**

Code	Range	Accuracy	Repeatability	Measuring faces		A	B
				flatness	parallelism		
3359-25WL*	0-25mm/0-1"	±0.5µm	0.3µm	0.3µm	0.6µm	38mm	24mm

\*Supplied with manufacturer inspection certificate

## DIGITAL MICROMETERS/SNAP GAUGES (BASIC TYPE)

ONE TURN OF SLEEVE MAKES 10MM SPINDLE FEED, PRESS THE FORK, THE SPINDLE RETRACTS 3MM

MEASUREMENT ACCURACY IS NOT AFFECTED BY THE USE OF SLEEVE

IP65 WATERPROOF

DATA OUTPUT

ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

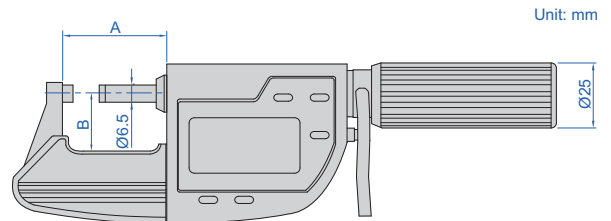
NON-ROTATING SPINDLE



POPULAR MODEL



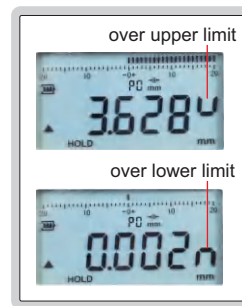
3358-25



Unit: mm

- Absolute encoder, the original data remains after power off
- Resolution: 0.001mm/0.00005"
- One turn of sleeve makes 10mm spindle feed
- Measurement accuracy is not affected by the use of sleeve
- Press the fork, the spindle retracts 3mm
- Carbide measuring faces
- Measuring force 5-10N
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, zero, mm/inch
- Supplied with gauge blocks for zero setting (except 0-25mm/0-1")
- Power: rechargeable battery, for 24 hours continuous working

alarm when over tolerance



wireless receiver 2134-R1, 2134-R2 (optional)



### With data interface

Optional accessory:

wireless transmitter code **7315-3350** (receiver is needed) page 7

data output cable (keyboard format) code **7302-3350** page 21

Code	Range	Accuracy	Repeatability	Measuring faces		A	B
				flatness	parallelism		
3358-25 *	0-25mm/0-1"	2µm	1µm	0.5µm	1.2µm	38mm	24mm
3358-50 *	25-50mm/1-2"	2µm	1µm	0.5µm	1.2µm	64mm	32.5mm
3358-75 *	50-75mm/2-3"	3µm	1µm	0.5µm	1.8µm	89mm	46mm
3358-100 *	75-100mm/3-4"	3µm	1µm	0.5µm	1.8µm	114mm	60mm

### Built-in wireless

Optional accessory:

wireless receiver (keyboard format, connect up to 15 digital indicators), code **2134-R1**

wireless receiver (serial port format, connect up to 15 digital indicators), code **2134-R2**

Code	Range	Accuracy	Repeatability	Measuring faces		A	B
				flatness	parallelism		
3358-25WL *	0-25mm/0-1"	2µm	1µm	0.5µm	1.2µm	38mm	24mm
3358-50WL *	25-50mm/1-2"	2µm	1µm	0.5µm	1.2µm	64mm	32.5mm
3358-75WL *	50-75mm/2-3"	3µm	1µm	0.5µm	1.8µm	89mm	46mm
3358-100WL *	75-100mm/3-4"	3µm	1µm	0.5µm	1.8µm	114mm	60mm

\* Supplied with manufacturer inspection certificate

## DIGITAL MICROMETERS/SNAP GAUGES

ONE TURN OF SLEEVE MAKES 5MM SPINDLE FEED, PRESS THE FORK, THE SPINDLE RETRACTS 3MM

MEASUREMENT ACCURACY IS NOT AFFECTED BY THE USE OF SLEEVE

IP65 WATERPROOF

DATA OUTPUT

ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

NON-ROTATING SPINDLE

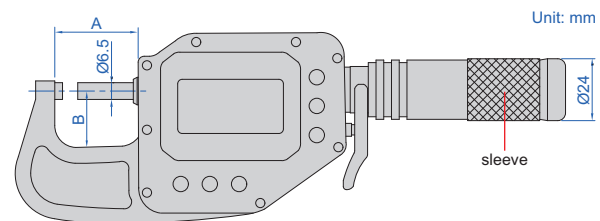
ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

INSPECTION CERTIFICATE



3350-25

- Absolute encoder, the original data remains after power off
- Adjustable resolution: 0.0002mm/0.00001"  
0.001mm/0.00005"  
0.01mm/0.0005"
- One turn of sleeve makes 5mm spindle feed
- Measurement accuracy is not affected by the use of sleeve
- Press the fork, the spindle retracts 3mm
- Linear ball bearings for ten million times use
- Carbide measuring faces
- Measuring force 5-10N  
Customizable measuring force range 2-12N  
Attention: small measuring force will reduce the dustproof and waterproof level
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, zero, mm/inch, adjust resolution
- Supplied with gauge blocks for zero setting (except 0-25mm/0-1")
- Power: rechargeable battery, for 24 hours continuous working



### With data interface

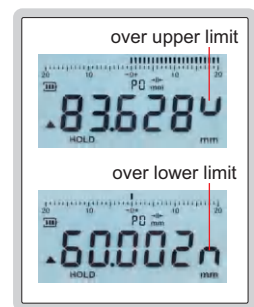
Optional accessory:

wireless transmitter code **7315-3350** (receiver is needed) page 7

data output cable (keyboard format) code **7302-3350** page 21

Code	Range	Accuracy	Repeatability	Measuring faces		A	B
				flatness	parallelism		
<b>3350-25*</b>	0-25mm/0-1"	1.4µm	0.6µm	0.5µm	1µm	38mm	24mm
<b>3350-50*</b>	25-50mm/1-2"	1.6µm	1µm	0.5µm	1µm	63mm	28mm
<b>3350-75*</b>	50-75mm/2-3"	1.8µm	1µm	0.5µm	1µm	88mm	45mm
<b>3350-100*</b>	75-100mm/3-3.95"	2µm	1µm	0.5µm	1µm	113mm	57mm

alarm when over tolerance



### Built-in wireless

Optional accessory:

wireless receiver (keyboard format, connect up to 15 digital indicators), code **2134-R1**

wireless receiver (serial port format, connect up to 15 digital indicators), code **2134-R2**

Code	Range	Accuracy	Repeatability	Measuring faces		A	B
				flatness	parallelism		
<b>3350-25WL*</b>	0-25mm/0-1"	1.4µm	0.6µm	0.5µm	1µm	38mm	24mm
<b>3350-50WL*</b>	25-50mm/1-2"	1.6µm	1µm	0.5µm	1µm	63mm	28mm
<b>3350-75WL*</b>	50-75mm/2-3"	1.8µm	1µm	0.5µm	1µm	88mm	45mm
<b>3350-100WL*</b>	75-100mm/3-3.95"	2µm	1µm	0.5µm	1µm	113mm	57mm

wireless receiver 2134-R1, 2134-R2 (optional)



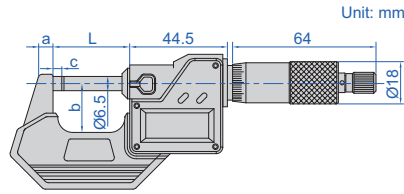
\*Supplied with manufacturer inspection certificate

## WATERPROOF DIGITAL OUTSIDE MICROMETERS (WITH DATA OUTPUT)

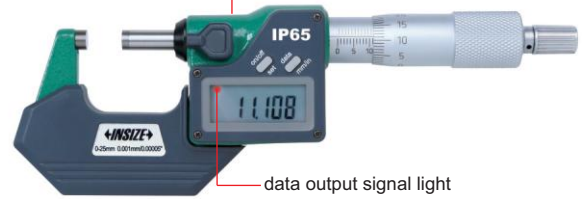
POPULAR MODEL

DATA OUTPUT IP65 WATERPROOF

INSPECTION CERTIFICATE



data output interface on the back



data output signal light

3101-25A

- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, data transmit
- Automatic power off
- Carbide measuring faces
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")
- Optional accessory:
  - wireless transmitter code **7315-31** (receiver is needed) page 6,
  - bluetooth transmitter code **7214-31** page 12,
  - data output cable code **7302-31** page 20

### Metric/Inch type (ratchet stop)

(mm)

Code	Range	Resolution	Accuracy	L	a	b	c
3101-25A*	0-25mm/0-1"	0.001mm/0.00005"	±2µm	34.5	6	25	3
3101-50A*	25-50mm/1-2"	0.001mm/0.00005"	±2µm	59.5	8	32	3
3101-75A*	50-75mm/2-3"	0.001mm/0.00005"	±3µm	84.5	8	44.5	3
3101-100A*	75-100mm/3-4"	0.001mm/0.00005"	±3µm	109.5	8	57	3
3101-125A	100-125mm/4-5"	0.001mm/0.00005"	±3µm	135	10	70	3
3101-150A	125-150mm/5-6"	0.001mm/0.00005"	±3µm	160.5	10	82	3
3101-175A	150-175mm/6-7"	0.001mm/0.00005"	±4µm	186	12	94.5	5.5
3101-200A	175-200mm/7-8"	0.001mm/0.00005"	±4µm	211.5	12	107	5.5
3101-225A	200-225mm/8-9"	0.001mm/0.00005"	±4µm	236	23	129.5	5.5
3101-250A	225-250mm/9-10"	0.001mm/0.00005"	±4µm	261.5	23	142.5	5.5
3101-275A	250-275mm/10-11"	0.001mm/0.0001"	±5µm	287	23	155	5.5
3101-300A	275-300mm/11-12"	0.001mm/0.0001"	±5µm	312.5	23	167.5	5.5



### Metric/Inch type (friction thimble)

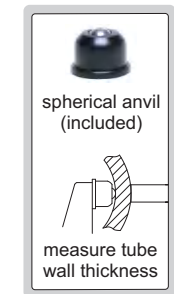
(mm)

Code	Range	Resolution	Accuracy	L	a	b	c
3101-25FA*	0-25mm/0-1"	0.001mm/0.00005"	±2µm	34.5	6	25	3

### Metric type (ratchet stop)

(mm)

Code	Range	Resolution	Accuracy	L	a	b	c
3101-25AJ*	0-25mm	0.001mm	±2µm	34.5	6	25	3
3101-50AJ*	25-50mm	0.001mm	±2µm	59.5	8	32	3
3101-75AJ*	50-75mm	0.001mm	±3µm	84.5	8	44.5	3
3101-100AJ*	75-100mm	0.001mm	±3µm	109.5	8	57	3



### Set (ratchet stop type)

Code	Range	Micrometers included	Packaging
3101-753A*	0-75mm/0-3"	3101-25A, 3101-50A, 3101-75A	blow mould case
3101-1004A*	0-100mm/0-4"	3101-25A, 3101-50A, 3101-75A, 3101-100A	blow mould case
3101-1506A	0-150mm/0-6"	3101-25A, 3101-50A, 3101-75A, 3101-100A, 3101-125A, 3101-150A	aluminum box
3101-3006A	150-300mm/6-12"	3101-175A, 3101-200A, 3101-225A, 3101-250A, 3101-275A, 3101-300A	aluminum box

\*Supplied with manufacturer inspection certificate



3101-753A

3101-1506A

**IP65**  
WATERPROOF

## WATERPROOF DIGITAL OUTSIDE MICROMETERS (WITHOUT DATA OUTPUT)

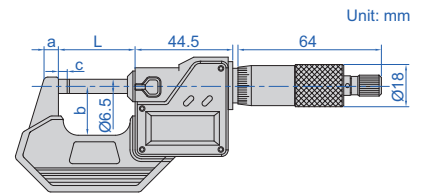
ATTENTION: NO  
DATA OUTPUT

**INSPECTION  
CERTIFICATE**



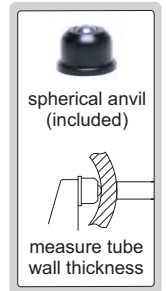
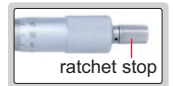
3108-25A

- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- No data output
- Automatic power off
- Carbide measuring faces
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")



### Ratchet stop type (mm)

Code	Range	Accuracy	L	a	b	c
3108-25A*	0-25mm/0-1"	±2µm	34.5	6	25	3
3108-50A*	25-50mm/1-2"	±2µm	59.5	8	32	3
3108-75A*	50-75mm/2-3"	±3µm	84.5	8	44.5	3
3108-100A*	75-100mm/3-4"	±3µm	109.5	8	57	3
3108-125A	100-125mm/4-5"	±3µm	135	10	70	3
3108-150A	125-150mm/5-6"	±3µm	160.5	10	82	3
3108-175A	150-175mm/6-7"	±4µm	186	12	94.5	5.5
3108-200A	175-200mm/7-8"	±4µm	211.5	12	107	5.5



### Friction thimble type (mm)

Code	Range	Accuracy	L	a	b	c
3108-25FA*	0-25mm/0-1"	±2µm	34.5	6	25	3



3108-753A



3108-1506A

### Set

Code	Range	Micrometers included	Packaging
3108-753A*	0-75mm/0-3"	3108-25A, 3108-50A, 3108-75A	blow mould case
3108-1004A*	0-100mm/0-4"	3108-25A, 3108-50A, 3108-75A, 3108-100A	blow mould case
3108-1506A	0-150mm/0-6"	3108-25A, 3108-50A, 3108-75A, 3108-100A, 3108-125A, 3108-150A	aluminum box

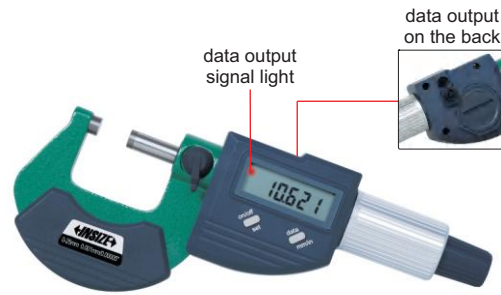
\*Supplied with manufacturer inspection certificate



## DIGITAL OUTSIDE MICROMETERS (BASIC TYPE, WITH DATA OUTPUT)

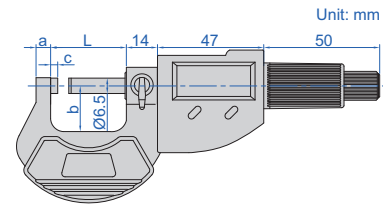


DATA OUTPUT

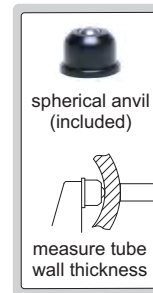


3102-25

- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, data transmit
- Automatic power off
- Carbide measuring faces
- Friction thimble
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")
- Optional accessory:
  - wireless transmitter code **7315-30** (receiver is needed) page 5,
  - bluetooth transmitter code **7214-30** page 11,
  - data output cable code **7302-30** page 20



Individual (mm)						
Code	Range	Accuracy	L	a	b	c
3102-25 *	0-25mm/0-1"	±2µm	32	6	24	3
3102-50 *	25-50mm/1-2"	±2µm	57	8	32	3
3102-75 *	50-75mm/2-3"	±3µm	82	8	45	3
3102-100 *	75-100mm/3-4"	±3µm	107	10	57	3
3102-125	100-125mm/4-5"	±3µm	133	10	70	3
3102-150	125-150mm/5-6"	±3µm	158	10	82	3
3102-175	150-175mm/6-7"	±4µm	183	12	95	5.5
3102-200	175-200mm/7-8"	±4µm	209	12	107	5.5



3102-753A



3102-1506A

### Set

Code	Range	Micrometers included	Packaging
3102-753A *	0-75mm/0-3"	3102-25, 3102-50, 3102-75	blow mould case
3102-1004A *	0-100mm/0-4"	3102-25, 3102-50, 3102-75, 3102-100	blow mould case
3102-1506A	0-150mm/0-6"	3102-25, 3102-50, 3102-75, 3102-100, 3102-125, 3102-150	aluminum box

\* Supplied with manufacturer inspection certificate

**POPULAR MODEL**

## DIGITAL OUTSIDE MICROMETERS (BASIC TYPE, WITHOUT DATA OUTPUT)

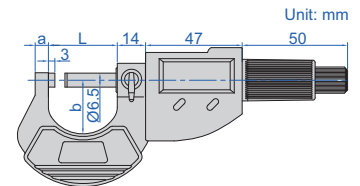
**INSPECTION CERTIFICATE**

**ATTENTION: NO DATA OUTPUT**

- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, ABS/INC
- No data output
- Automatic power off
- Carbide measuring faces
- Friction thimble
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")



3109-25A



Unit: mm

### Individual

Code	Range	Accuracy	L	a	b
3109-25A*	0-25mm/0-1"	±2µm	32mm	6mm	28mm
3109-50A*	25-50mm/1-2"	±2µm	57mm	8mm	37mm
3109-75A*	50-75mm/2-3"	±3µm	82mm	8mm	50mm
3109-100A*	75-100mm/3-4"	±3µm	107mm	10mm	61mm
3109-125A	100-125mm/4-5"	±3µm	132mm	10mm	73mm
3109-150A	125-150mm/5-6"	±3µm	157mm	10mm	85mm
3109-175A	150-175mm/6-7"	±4µm	182mm	20mm	104mm
3109-200A	175-200mm/7-8"	±4µm	207mm	20mm	117mm
3109-225A	200-225mm/8-9"	±4µm	234mm	20mm	130mm
3109-250A	225-250mm/9-10"	±4µm	260mm	20mm	143mm
3109-275A	250-275mm/10-11"	±5µm	285mm	20mm	155mm
3109-300A	275-300mm/11-12"	±5µm	310mm	20mm	168mm

### Set

Code	Range	Micrometers included	Packaging
3109-753A*	0-75mm/0-3"	3109-25A, 3109-50A, 3109-75A	blow mould case
3109-1004A*	0-100mm/0-4"	3109-25A, 3109-50A, 3109-75A, 3109-100A	blow mould case
3109-1506A	0-150mm/0-6"	3109-25A, 3109-50A, 3109-75A, 3109-100A, 3109-125A, 3109-150A	aluminum box
3109-3006A	150-300mm/6-12"	3109-175A, 3109-200A, 3109-225A, 3109-250A, 3109-275A, 3109-300A	aluminum box

\* Supplied with manufacturer inspection certificate



spherical anvil (included)

measure tube wall thickness



friction thimble for one hand operation



3109-753A



3109-1506A

## DIGITAL VERTICAL MICROMETERS

- Measure the thickness of plates for easy reading
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Carbide spindle tip
- Ratchet stop
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: wireless transmitter code **7315-30** (receiver is needed) page 5, bluetooth transmitter code **7214-30** page 11, data output cable code **7302-30** page 20

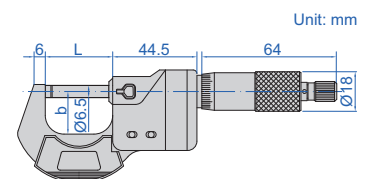


3565-25A

**DATA OUTPUT**

**IP65 WATERPROOF**

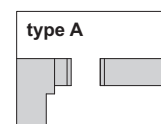
**INSPECTION CERTIFICATE**



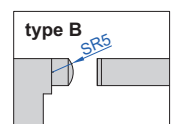
Unit: mm

Code	Range	Type	Accuracy	L	b
3565-25A*	0-25mm/0-1"	A	±2µm	34.5mm	25mm
3565-50A*	25-50mm/1-2"	A	±2µm	59.5mm	32mm
3565-25BA*	0-25mm/0-1"	B	±2µm	34.5mm	25mm
3565-50BA*	25-50mm/1-2"	B	±2µm	59.5mm	32mm

\* Supplied with manufacturer inspection certificate



type A



type B