

ATTENTION: SETTING STANDARDS ARE NOT INCLUDED



## POINT MICROMETERS

**INSIZE PLUS**  
MADE IN EUROPE

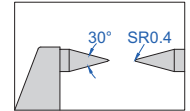
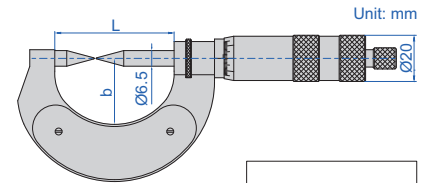
(mm)

Code	Range	Accuracy	L	b
3659-25A*	0-25mm	4μm	62	34
3659-50A*	25-50mm	4μm	87	46
3659-75A*	50-75mm	5μm	112	60
3659-100A*	75-100mm	5μm	139	72
3659-125A*	100-125mm	6μm	164	85
3659-150A*	125-150mm	6μm	190	97
3659-175A*	150-175mm	7μm	215	110
3659-200A*	175-200mm	7μm	240	122
3659-225A*	200-225mm	8μm	264	135
3659-250A*	225-250mm	8μm	290	148

\* Supplied with manufacturer inspection certificate



3659-25A



- Measure the web thickness of drills, small grooves and keyways
- Graduation: 0.01mm
- Ratchet stop
- Carbide tips
- Optional accessory: setting standards (code 7386)

## POINT MICROMETERS

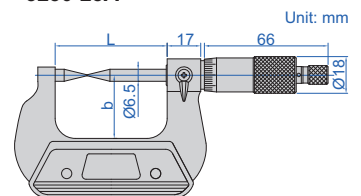
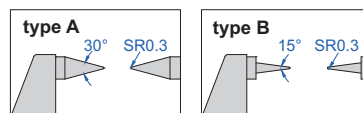
- Measure the web thickness of drills, small grooves and keyways
- Graduation 0.01mm
- Ratchet stop
- Carbide tips
- Supplied with setting standards (except 0-25mm)

(mm)

Code	Range	Type	Accuracy	L	b
3230-25A	0-25mm	A	4μm	57	32
3230-50A	25-50mm	A	4μm	82	44.5
3230-75A	50-75mm	A	5μm	107	57
3230-100A	75-100mm	A	5μm	132.6	69.5
3230-25BA	0-25mm	B	4μm	57	32
3230-50BA	25-50mm	B	4μm	82	44.5
3230-75BA	50-75mm	B	5μm	107	57
3230-100BA	75-100mm	B	5μm	132.6	69.5



3230-25A



## DIGITAL POINT MICROMETERS

- Measure the web thickness of drills, small grooves and keyways
- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, data transmit
- Data output
- Automatic power off
- Ratchet stop
- Carbide tips
- Supplied with setting standards (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

DATA OUTPUT

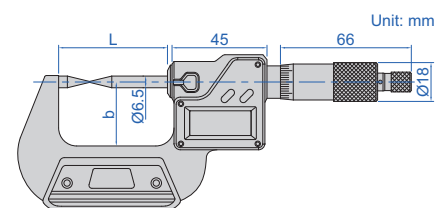
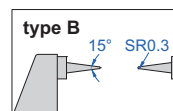
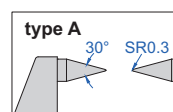
IP65 WATERPROOF



3530-25A

(mm)

Code	Range	Type	Accuracy	L	b
3530-25A	0-25mm/0-1"	A	±4μm	57	32
3530-50A	25-50mm/1-2"	A	±4μm	82	44.5
3530-75A	50-75mm/2-3"	A	±5μm	107	57
3530-100A	75-100mm/3-4"	A	±5μm	132.6	69.5
3530-25BA	0-25mm/0-1"	B	±4μm	57	32
3530-50BA	25-50mm/1-2"	B	±4μm	82	44.5
3530-75BA	50-75mm/2-3"	B	±5μm	107	57
3530-100BA	75-100mm/3-4"	B	±5μm	132.6	69.5



## DIGITAL POINT MICROMETERS/SNAP GAUGES

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

ABSOLUTE ENCODER, THE ORIGINAL  
DATA REMAINS AFTER POWER OFF

MEASUREMENT ACCURACY IS NOT  
AFFECTED BY THE USE OF SLEEVE

NON-ROTATING  
SPINDLE

DATA  
OUTPUT

ATTENTION: RECHARGEABLE BATTERY,  
FOR 24 HOURS CONTINUOUS WORKING

IP65  
WATERPROOF

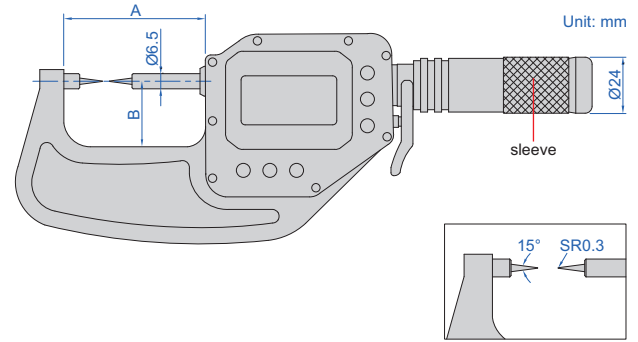
INSPECTION  
CERTIFICATE



6

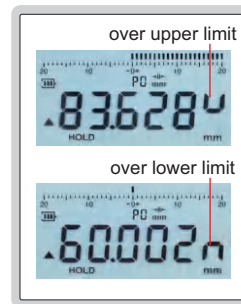


3354-25



- Measure the web thickness of drills, small grooves and keyways
- 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 spindle and anvil
- Measuring force 7-10N  
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

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	A	B
3354-25*	0-25mm/0-1"	2µm	1µm	63mm	25mm
3354-50*	25-50mm/1-2"	2µm	1µm	88mm	42mm
3354-75*	50-75mm/2-3"	2µm	1µm	113mm	56mm

### Built-in wireless

Optional accessory:

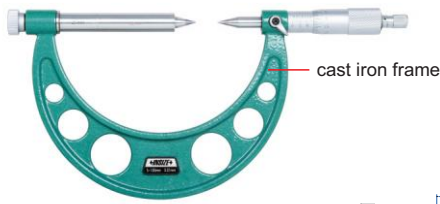
wireless receiver (keyboard format, connect up to 15 digital indicators), code **2134-R1**

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

Code	Range	Accuracy	Repeatability	A	B
3354-25WL*	0-25mm/0-1"	2µm	1µm	63mm	25mm
3354-50WL*	25-50mm/1-2"	2µm	1µm	88mm	42mm
3354-75WL*	50-75mm/2-3"	2µm	1µm	113mm	56mm

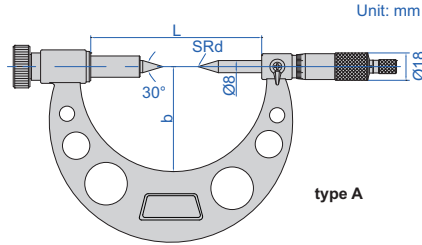
\*Supplied with manufacturer inspection certificate

## GEAR ROOT DIAMETER MICROMETERS

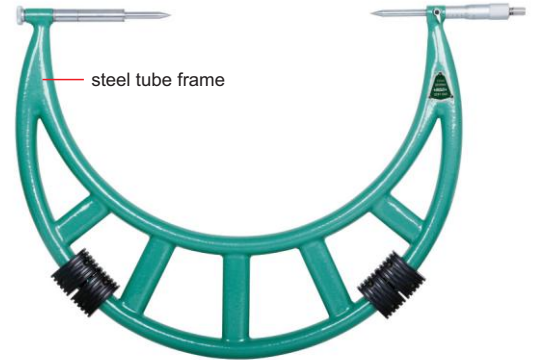


3297-100

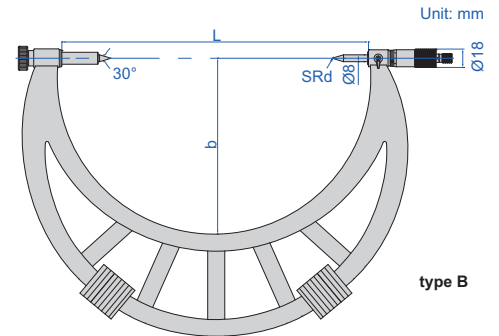
- Measure diameter of gear root circle
- Graduation 0.01mm
- Ratchet stop
- Meet DIN863-3
- Carbide measuring faces
- Supplied with setting standards



type A



3297-300



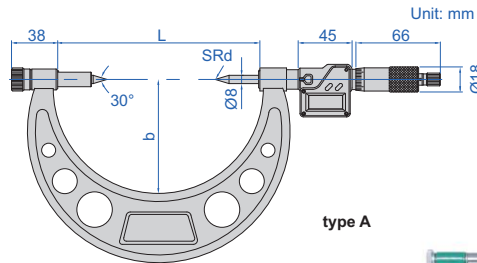
type B

Code	Range	Type	Accuracy	L	b	SRd
3297-100	5-100mm	A	5μm	137	72	0.4
3297-200	100-200mm	A	7μm	237	129	0.5
3297-300	200-300mm	B	9μm	414	225	0.7
3297-400	300-400mm	B	11μm	514	275	0.7
3297-500	400-500mm	B	13μm	614	325	0.7
3297-600	500-600mm	B	15μm	714	375	0.7
3297-700	600-700mm	B	16μm	814	425	0.7
3297-800	700-800mm	B	18μm	914	475	0.7
3297-900	800-900mm	B	20μm	1014	525	0.7

**IP65**  
WATERPROOF

DATA  
OUTPUT

## DIGITAL GEAR ROOT DIAMETER MICROMETERS



type A



3597-100

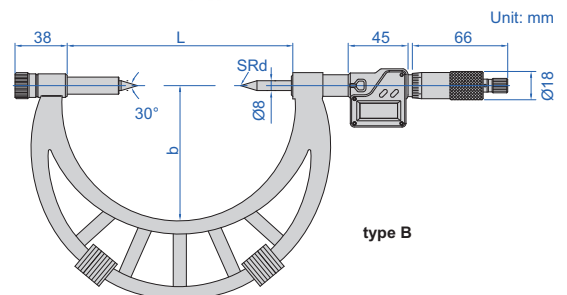
- Measure diameter of gear root circle
- Resolution 0.001mm/0.0001" (resolution of 3597-100 and 3597-200 is 0.001mm/0.00005")
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, data transmit
- Data output
- Automatic power off
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards
- Optional accessory:
  - wireless transmitter code 7315-31 (receiver is needed) page 6,
  - bluetooth transmitter code 7214-31 page 12,
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3597-300

(mm)

Code	Range	Type	Accuracy	L	b	SRd
3597-100	5-100mm	A	3μm	137	72	0.4
3597-200	100-200mm	A	4μm	237	129	0.5
3597-300	200-300mm	B	5μm	414	225	0.7
3597-400	300-400mm	B	6μm	514	275	0.7
3597-500	400-500mm	B	7μm	614	325	0.7
3597-600	500-600mm	B	8μm	714	375	0.7
3597-700	600-700mm	B	8μm	814	425	0.7
3597-800	700-800mm	B	9μm	914	475	0.7
3597-900	800-900mm	B	10μm	1014	525	0.7



type B