

DIGITAL DISK BRAKE AND PAD CALIPER

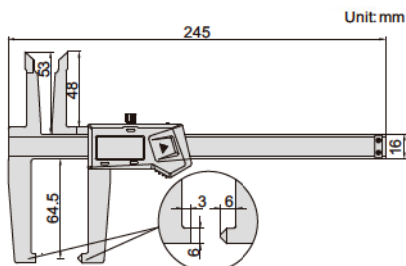
- Measure thickness of disk brakes and pad wear
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)

RELATIVE PRODUCT: DISK BRAKE MICROMETER (CODE 3288-, 3588-)

DATA OUTPUT



1167-150A



Code	Range	Accuracy
1167-150A	0-150mm/0-6"	±0.07mm

DIGITAL DRUM BRAKE CALIPER

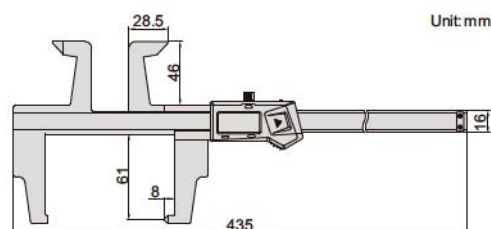
RELATIVE PRODUCT: DISK BRAKE MICROMETER (CODE 3288-, 3588-)

DATA OUTPUT

- Measure internal and external diameter of drum brakes
- Resolution 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)



1168-300A



Code	Range	Accuracy
1168-300A	0-300mm/0-12"	±0.07mm

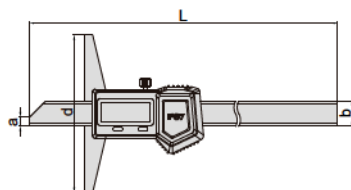
WATERPROOF DIGITAL DEPTH GAGES

ATTENTION: NO DATA OUTPUT

ATTENTION: IT IS NECESSARY TO SET ZERO AFTER POWER ON EACH TIME

IP67
WATERPROOF

- IP67 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Button function: zero, on/off, mm/inch, ABS/REL, hold
- Meet DIN862
- Battery CR2032
- Made of stainless steel

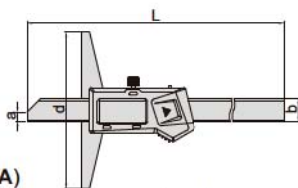


1149-150

Code	Range	Accuracy	(mm)			
			L	a	b	d
1149-150	0-150mm/0-6"	±0.03mm	240	6	16	100
1149-200	0-200mm/0-8"	±0.03mm	290	6	16	100
1149-300	0-300mm/0-12"	±0.03mm	390	6	16	150

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862 (except 1141-500A)
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)

DIGITAL DEPTH GAGES (STANDARD MODEL)



(mm)

Code	Range	Accuracy	L	a	b	d
1141-150A	0-150mm/0-6"	±0.03mm	230	6	14.5	100
1141-200A	0-200mm/0-8"	±0.03mm	280	6	14.5	100
1141-300A	0-300mm/0-12"	±0.03mm	380	6	14.5	150
1141-500A	0-500mm/0-20"	±0.05mm	585	7	15	150



1141-150A

DATA
OUTPUT

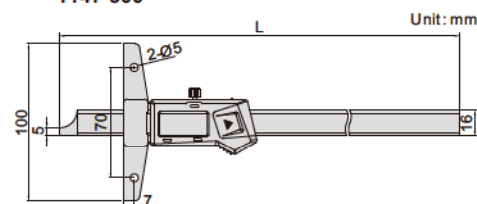
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A), extension base (code 6141)

DATA
OUTPUT

DIGITAL DEPTH GAGES WITH MOUNTING HOLES FOR EXTENSION BASE



1147-300



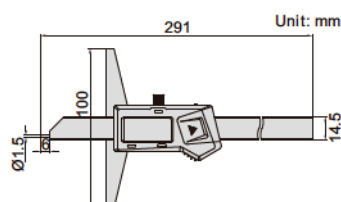
Code	Range	Accuracy	L
1147-150	0-150mm/0-6"	±0.03mm	237
1147-200	0-200mm/0-8"	±0.03mm	287
1147-300	0-300mm/0-12"	±0.03mm	403

extension base (optional)



6141 series

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)



Unit: mm

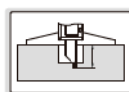
DIGITAL POINT DEPTH GAGE



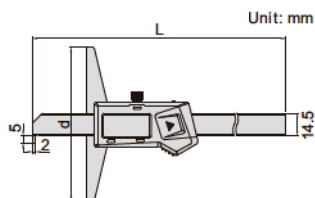
1143-200A

DATA
OUTPUT

Code	Range	Accuracy
1143-200A	0-200mm/0-8"	±0.03mm



- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)



Unit: mm

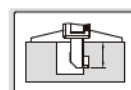
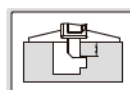
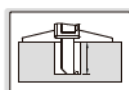
DIGITAL HOOK DEPTH GAGES



1142-150A

DATA
OUTPUT

Code	Range	Accuracy	L	d
1142-150A	0-150mm/0-6"	±0.03mm	230	100
1142-200A	0-200mm/0-8"	±0.03mm	280	100
1142-300A	0-300mm/0-12"	±0.04mm	380	150



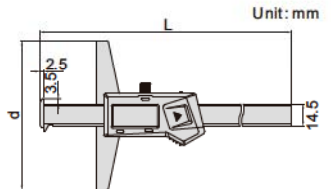
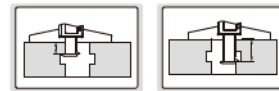
DIGITAL DOUBLE HOOK DEPTH GAGES

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)

Code	Range	Accuracy	L	d
1144-150A	0-150mm/0-6"	±0.03mm	233	100
1144-200A	0-200mm/0-8"	±0.03mm	283	100
1144-300A	0-300mm/0-12"	±0.03mm	383	150



1144-150A

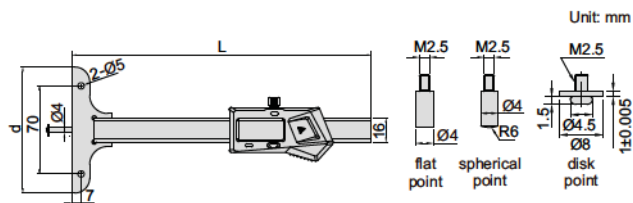
DATA
OUTPUT

Unit: mm

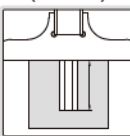
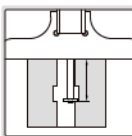
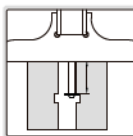
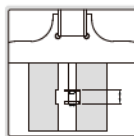
DIGITAL DEPTH GAGES WITH ROUND DEPTH BAR

MEASURE WIDTH AND DEPTH
OF GROOVES INSIDE BOREMEASURE DEPTH OF
SMALL HOLES (>Ø4mm)DATA
OUTPUT

- Resolution: 0.01mm/0.0005"
- Supplied with three interchangeable points (flat, spherical, disk)
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A), disk points (see below table), extension base (code 6141, for 1148-120 and 1148-200)



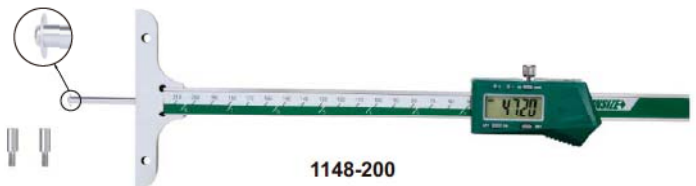
Unit: mm

measure depth
of small holes
(>Ø4mm)measure depth
of grooves
inside boremeasure depth
of grooves
inside boremeasure width
of grooves
inside bore

1148-100S



preset buttons



1148-200



1148-120

one-hand use of 1148-120



(mm)

extension base for 1148-120
and 1148-200 (optional)

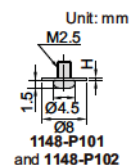
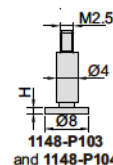
6141 series

Code	Range*	Accuracy	L	d	Remark
1148-100S	0-100mm/0-4"	±0.02mm	200	45	
1148-100	0-100mm/0-4"	±0.02mm	200	85	
1148-120	0-120mm/0-4.7"	±0.03mm	300	101	one-hand use, with mounting holes for extension base
1148-200	0-200mm/0-8"	±0.03mm	300	101	with mounting holes for extension base

* When disk points are used, the range is reduced by 10mm

OPTIONAL DISK POINTS

Code	Description	H	Remark
1148-P101	0.5mm disk point	0.5±0.005mm	for narrow grooves
1148-P102	0.7mm disk point	0.7±0.005mm	for narrow grooves
1148-P103	1mm disk point	1±0.005mm	for grooves inside blind hole
1148-P104	0.5mm disk point	0.5±0.005mm	for grooves inside blind hole

1148-P101
and 1148-P1021148-P103
and 1148-P1041148-P101
(optional)1148-P103 (optional), measure width
of bottom grooves inside blind hole

VERNIER DEPTH GAGES (STANDARD MODEL)

- Made of stainless steel
- Satin chrome plated reading surface

Graduation 0.05mm (mm)

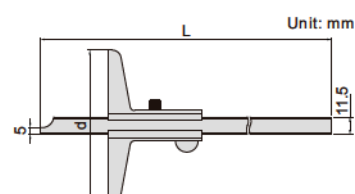
Code	Range	Accuracy	L	d
1240-150	0-150mm	±0.05mm	245	100
1240-200	0-200mm	±0.05mm	282	100
1240-300	0-300mm	±0.08mm	382	100
1240-500	0-500mm	±0.09mm	585	150

Graduation 0.02mm (mm)

Code	Range	Accuracy	L	d
1240-1501	0-150mm	±0.03mm	245	100
1240-2001	0-200mm	±0.03mm	282	100
1240-3001	0-300mm	±0.04mm	382	100
1240-5001	0-500mm	±0.05mm	585	150



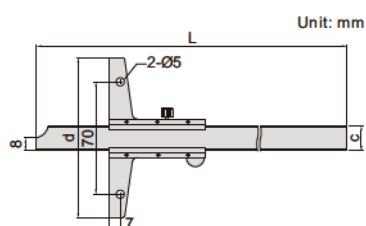
1240-2001



WITH MOUNTING HOLES
FOR EXTENSION BASE

- Made of stainless steel
- Satin chrome plating finish on reading surface
- Optional accessory: extension base (code 6141)

extension base (optional)



VERNIER DEPTH GAGES



1247-1501

Graduation 0.05mm

Code	Range	Accuracy
1247-150	0-150mm	±0.05mm
1247-200	0-200mm	±0.05mm
1247-300	0-300mm	±0.08mm
1247-600	0-600mm	±0.10mm
1247-1000	0-1000mm	±0.15mm

Graduation 0.02mm

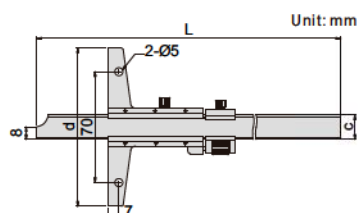
Code	Range	Accuracy
1247-1501	0-150mm	±0.03mm
1247-2001	0-200mm	±0.03mm
1247-3001	0-300mm	±0.04mm
1247-6001	0-600mm	±0.05mm
1247-1001	0-1000mm	±0.07mm

Range	L	c	d
0-150mm	240	16	100
0-200mm	290	16	100
0-300mm	390	16	100
0-600mm	704	16	150
0-1000mm	1124	18	200

WITH MOUNTING HOLES
FOR EXTENSION BASE

- With fine adjustment
- Made of stainless steel
- Satin chrome plating finish on reading surface
- Optional accessory: extension base (code 6141)

extension base (optional)



VERNIER DEPTH GAGES WITH FINE ADJUSTMENT



1249-1501

Graduation 0.05mm

Code	Range	Accuracy
1249-150	0-150mm	±0.05mm
1249-200	0-200mm	±0.05mm
1249-300	0-300mm	±0.08mm

Graduation 0.02mm

Code	Range	Accuracy
1249-1501	0-150mm	±0.03mm
1249-2001	0-200mm	±0.03mm
1249-3001	0-300mm	±0.04mm

Range	L	c	d
0-150mm	256	16	100
0-200mm	306	16	100
0-300mm	406	16	100

VERNIER HOOK DEPTH GAGES

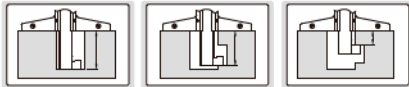
WITH MOUNTING HOLES
FOR EXTENSION BASE

- Made of stainless steel
- Satin chrome plating finish on reading surface
- Optional accessory: extension base (code 6141)



1248-1501

extension base (optional)

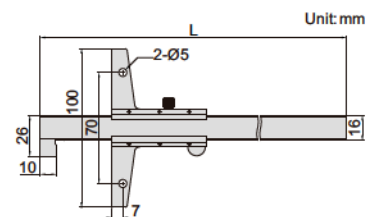


Graduation 0.05mm

Code	Range	Accuracy	L
1248-150	0-150mm	±0.05mm	266mm
1248-200	0-200mm	±0.05mm	316mm
1248-300	0-300mm	±0.08mm	416mm

Graduation 0.02mm

Code	Range	Accuracy	L
1248-1501	0-150mm	±0.03mm	266mm
1248-2001	0-200mm	±0.03mm	316mm
1248-3001	0-300mm	±0.04mm	416mm



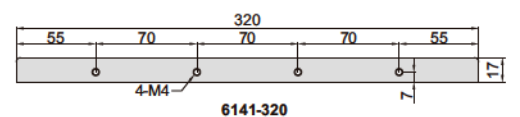
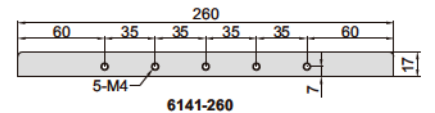
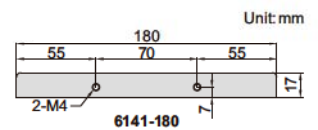
EXTENSION BASES



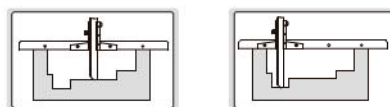
- Supplied with two screws
- Made of stainless steel
- Suitable for depth gages series 1147, 1148, 1247, 1248 and 1249



6141-260



Code	Length
6141-180	180mm
6141-260	260mm
6141-320	320mm



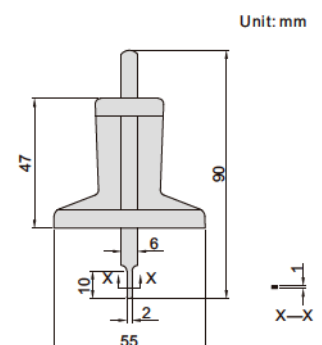
VERNIER DEPTH GAGE

ATTENTION:
BASIC MODEL

- Graduation: 0.1mm
- Made of stainless steel



1244-30



Code	Range	Accuracy
1244-30	0-30mm	±0.10mm

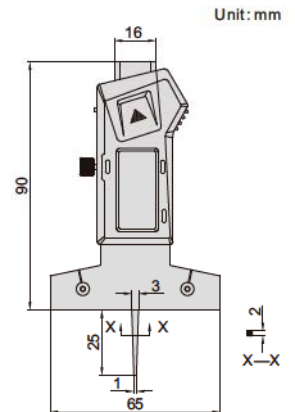
DIGITAL DEPTH GAGE

DATA OUTPUT

- Measure depth of small groove and hole, also measure depth of tire tread
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Supplied with zero set surface
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A)



1145-25A



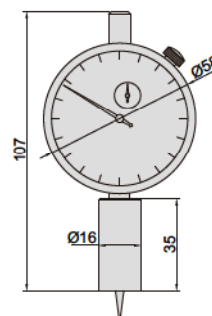
Code	Range	Accuracy
1145-25A	0-25mm/0-1"	±0.03mm

DIAL DEPTH GAGES

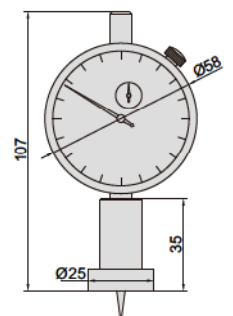
- Accuracy: ±0.017mm
- Stainless steel base
- Pointed tip



2343-102



2343-101



2343-102

Code	Range	Dial indicator stroke	Dial indicator graduation	Base
2343-101	0-10mm	10mm	0.01mm	Ø16mm
2343-102	0-10mm	10mm	0.01mm	Ø25mm

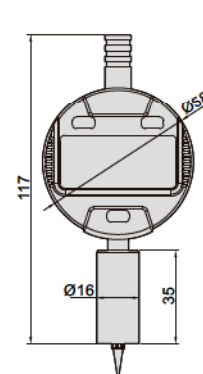
DIGITAL DEPTH GAGES

DATA OUTPUT

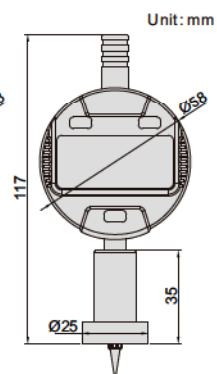
- Accuracy: ±0.02mm
- Button function: on/off, zero, mm/inch, ABS, data preset, change measuring direction
- CR2032 battery, automatic power off
- Data output
- Stainless steel base
- Pointed tip
- Optional accessory: data output cable (code 7306-40, 7302-SPC3A, 7305-SPC1A)



2142-102



2142-101



2142-102

Code	Range	Digital indicator stroke	Digital indicator resolution	Base
2142-101	0-12.7mm/0-0.5"	12.7mm/0.5"	0.01mm/0.0005"	Ø16mm
2142-102	0-12.7mm/0-0.5"	12.7mm/0.5"	0.01mm/0.0005"	Ø25mm

DIAL DEPTH GAGES



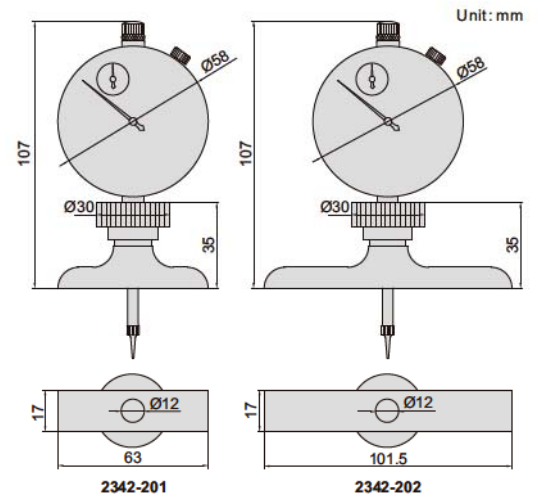
2342-202

- Dial indicator graduation: 0.01mm
- Accuracy: $\pm 0.03\text{mm}$
- Stainless steel base
- Extension rods: 25mm (1pc), 50mm (1pc), 75mm (1pc), 100mm (2pcs)
- Supplied with pointed tip and ball tip

Code	Range	Dial indicator stroke	Base
2342-201	0-300mm	30mm	63x17mm
2342-202	0-300mm	30mm	101.5x17mm

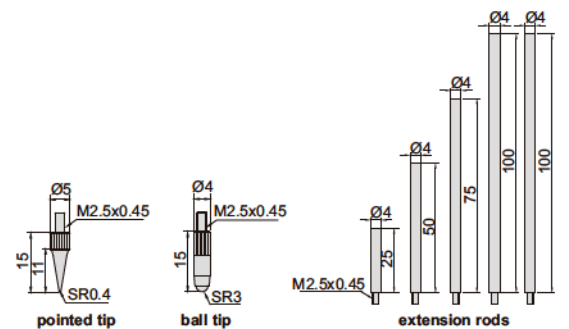


VIDEO



2342-201

2342-202



pointed tip

ball tip

extension rods

DIGITAL DEPTH GAGES



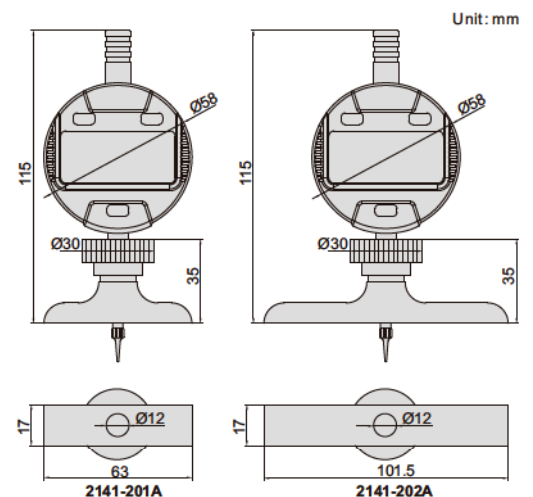
2141-202A

- Button function: on/off, zero, mm/inch, ABS, data preset, change measuring direction
- CR2032 battery, automatic power off
- Data output
- Stainless steel base
- Extension rods: 12.5mm (1pc), 25mm (1pc), 50mm (1pc), 75mm (1pc), 100mm (2pcs)
- Supplied with pointed tip and ball tip
- Optional accessory: data output cable (code 7306-40, 7302-SPC3A, 7305-SPC1A)

Code	Range	Digital indicator stroke	Digital indicator resolution	Accuracy	Base
2141-201A	0-300mm/0-12"	12.7mm/0.5"	0.01mm/0.0005"	$\pm 0.02\text{mm}$	63x17mm
2141-202A	0-300mm/0-12"	12.7mm/0.5"	0.01mm/0.0005"	$\pm 0.02\text{mm}$	101.5x17mm

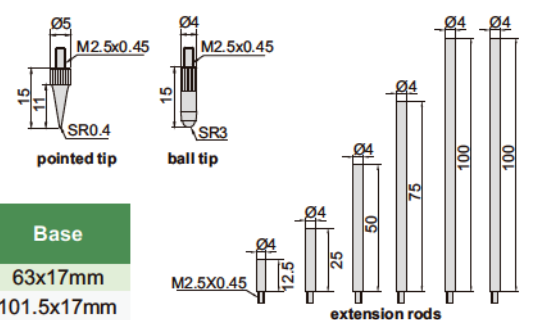


VIDEO

DATA
OUTPUT

2141-201A

2141-202A



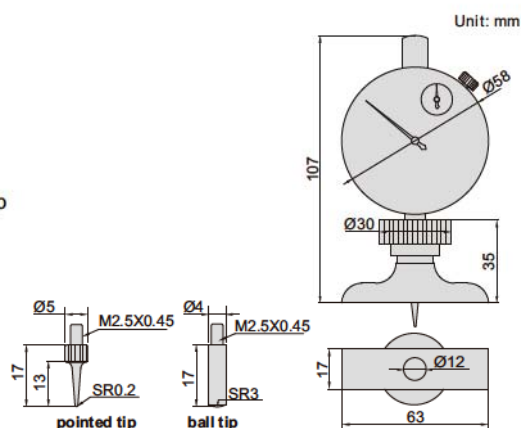
pointed tip

ball tip

extension rods

DIAL DEPTH GAGE

- Accuracy: $\pm 0.017\text{mm}$
- Stainless steel base
- Supplied with pointed tip and ball tip



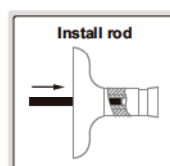
2341-101A

Code	Range	Dial indicator stroke	Dial indicator graduation
2341-101A	0-10mm	10mm	0.01mm

IP54
WATERPROOF

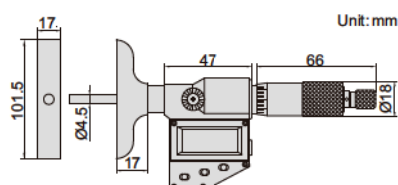
DATA
OUTPUT

- Resolution: 0.001mm/0.00005"
- Micrometer head accuracy: $\pm 3\mu\text{m}$
- Rod accuracy: $\pm (2+L/75)\mu\text{m}$, L is the measuring range in mm
- Button function: on/off, set, mm/inch, ABS/INC, data output
- IP54 dust/waterproof
- Data output
- LR44 battery, automatic power off
- Rods with flat end
- Ratchet stop
- Optional accessory: data output cable (code 7306-30, 7302-SPC2A, 7305-SPC3)



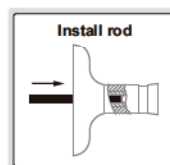
3540-50

Code	Range	Rods
3540-50	0-50mm/0-2"	2pcs
3540-150	0-150mm/0-6"	6pcs
3540-300	0-300mm/0-12"	12pcs



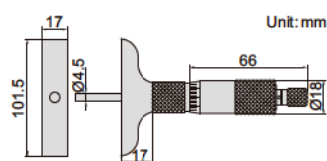
DEPTH MICROMETERS

- Meet DIN863-2
- Graduation: 0.01mm
- Micrometer head accuracy: $\pm 3\mu\text{m}$
- Rod accuracy: $\pm (2+L/75)\mu\text{m}$, L is the measuring range in mm
- Rods with flat end
- Ratchet stop



3240-100

Code	Range	Rods
3240-25	0-25mm	1pc
3240-50	0-50mm	2pcs
3240-75	0-75mm	3pcs
3240-100	0-100mm	4pcs
3240-150	0-150mm	6pcs
3240-200	0-200mm	8pcs
3240-300	0-300mm	12pcs



DEPTH MICROMETERS

- Meet DIN863-2
- Graduation: 0.01mm
- Micrometer head accuracy: $\pm 3\mu\text{m}$
- Rod accuracy: $\pm (2+L/75)\mu\text{m}$, L is the measuring range in mm
- Rods with flat end
- Ratchet stop

Base: HxW=101.5x17mm

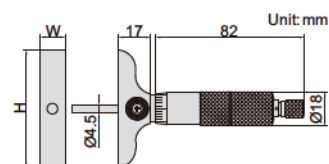
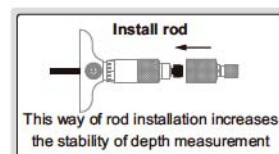
Code	Range	Rods
3241-25	0-25mm	1pc
3241-50	0-50mm	2pcs
3241-75	0-75mm	3pcs
3241-100	0-100mm	4pcs
3241-150	0-150mm	6pcs
3241-200	0-200mm	8pcs
3241-300	0-300mm	12pcs



3241-100

Base: HxW=63x17mm

Code	Range	Rods
3241-B25	0-25mm	1pc



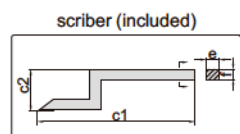
DIGITAL HEIGHT GAGES (ECONOMIC MODEL)

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, ABS/INC, data hold, TOL, set
- ABS/INC is for absolute and incremental measurement
- TOL is for tolerance measurement
- Carbide tipped scriber
- Made of stainless steel (except the base)
- LR44 battery
- Data output
- Supplied with dial test indicator holder
- Supplied with dust cover (except 1150-1500/2000)
- Optional accessory: data output cable (code 7301-SPC5)

ATTENTION:
LOW ACCURACY

ATTENTION: CAN NOT USE CLAMP
FOR PROTRACTORS (CODE 2372-CLAMP)

DATA
OUTPUT

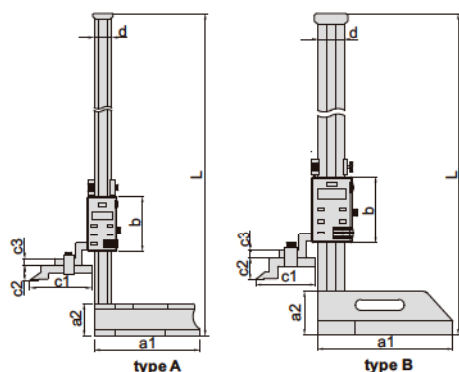
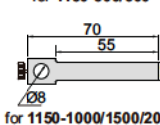
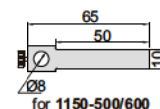
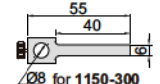


data output cable (optional)



dial test indicator
holder (included)

Unit: mm



Code	Range	Type	Accuracy	L	a1	a2	b	c1	c2	c3	d	e	f
1150-300	0-300mm/0-12"	A	$\pm 0.05\text{mm}$	470	135	45	80	76	25	10	23	6	8
1150-500	0-500mm/0-20"	A	$\pm 0.06\text{mm}$	720	180	55	95	103	25	12	30	10	12
1150-600	0-600mm/0-24"	A	$\pm 0.06\text{mm}$	820	180	55	95	103	25	12	30	10	12
1150-1000	0-1000mm/0-40"	B	$\pm 0.08\text{mm}$	1275	250	80	125	110	39	15	50	10	15
1150-1500	0-1500mm/0-60"	B	$\pm 0.12\text{mm}$	1790	280	80	125	110	39	15	50	10	15
1150-2000	0-2000mm/0-80"	B	$\pm 0.16\text{mm}$	2290	280	80	125	110	39	15	50	10	15

1150-1000



1150-500

dust cover
(included, except
1150-1500/2000)

