

## 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

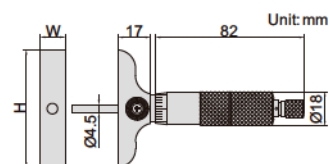
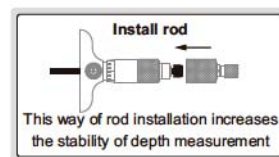
Code	Range	Rods
3241-25	0-25mm	1pc
3241-50	0-50mm	2pcs
3241-75	0-75mm	3pcs
3241-100	0-100mm	4pcs
3241-150	0-150mm	6pcs
3241-200	0-200mm	8pcs
3241-300	0-300mm	12pcs



3241-100

Base: HxW=63x17mm

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



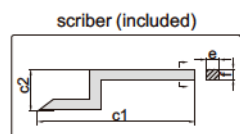
## DIGITAL HEIGHT GAGES (ECONOMIC MODEL)

- 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

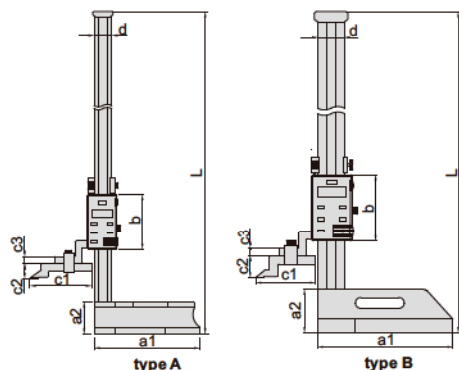
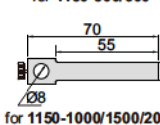
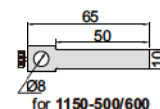
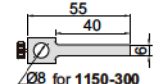


data output cable (optional)



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)



## DIGITAL HEIGHT GAGES WITH DRIVING WHEEL

DATA  
OUTPUT

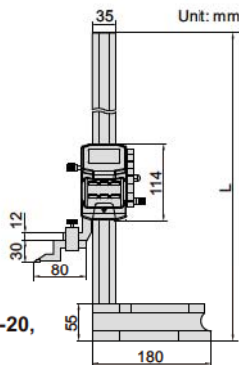
METAL  
RACK



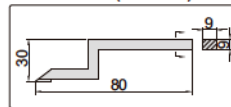
VIDEO

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, preset +, preset -, hold
- Automatic power off, move the digital unit to turn on power
- Carbide tipped scriber
- Made of stainless steel
- Battery CR2032
- Data output
- Supplied with dust cover
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A), dial test indicator holder (code 6293-6), clamp for protractors (code 2372-CLAMP)

dust cover  
(included)

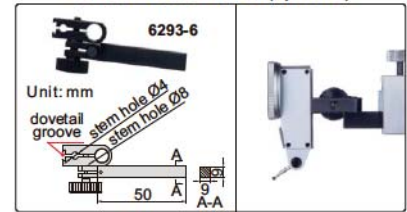


scriber (included)

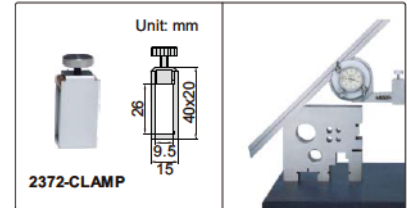


1156-300

dial test indicator holder (optional)



clamp for protractors (optional)



Code	Range	Accuracy	L
1156-300	0-300mm/0-12"	±0.03mm	515mm
1156-600	0-600mm/0-24"	±0.05mm	815mm

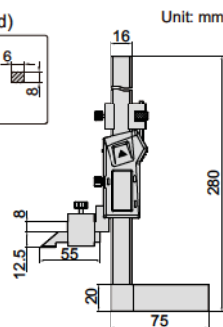
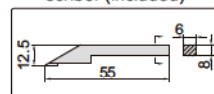
DATA  
OUTPUT

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

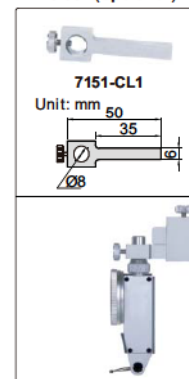
## DIGITAL HEIGHT GAGE (LIGHT DUTY)

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Carbide tipped scriber
- With fine adjustment
- Made of stainless steel
- Battery CR2032
- Data output
- Optional accessory: data output cable (code 7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A), dial test indicator holder (code 7151-CL1)

scriber (included)



dial test indicator holder (optional)



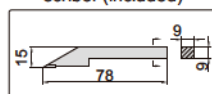
1154-150

Code	Range	Accuracy
1154-150	0-150mm/0-6"	±0.03mm

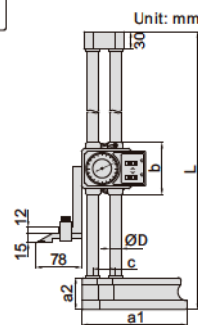


driving wheel

scriber (included)



dust cover  
(included)



(mm)

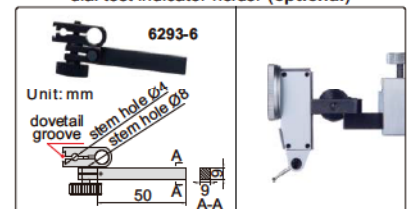
Code	Range	Accuracy	L	a1	a2	b	c	ØD
1351-300	0-300mm	±0.04mm	475	135	43	84	33	15
1351-450	0-450mm	±0.05mm	660	180	54	88	38	20
1351-600	0-600mm	±0.05mm	810	180	54	88	38	20



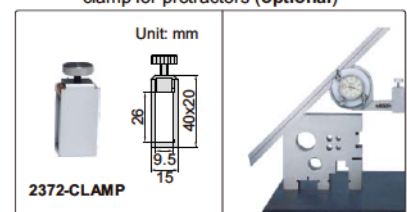
1351-300

## DIAL HEIGHT GAGES

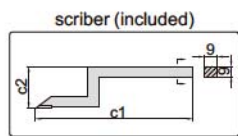
dial test indicator holder (optional)



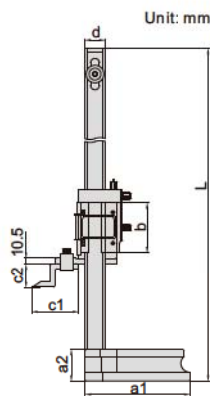
clamp for protractors (optional)



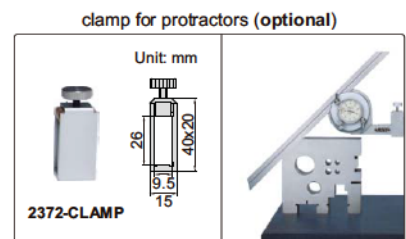
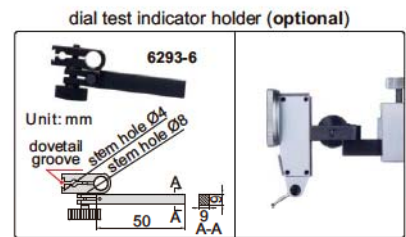
# VERNIER HEIGHT GAGES



- Graduation: 0.02mm/0.001"
- Adjustable main scale to set zero
- Carbide tipped scriber
- Made of stainless steel (except the base)
- Satin chrome plated scale
- Supplied with magnifier
- With fine adjustment
- Supplied with dust cover
- Optional accessory: dial test indicator holder (code 6293-6), clamp for protractors (code 2372-CLAMP)



1250-300

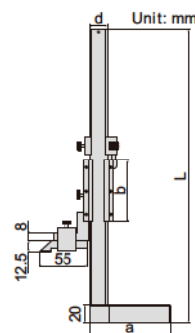
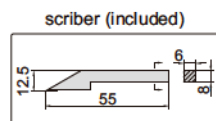


Code	Range	Accuracy	L	a1	a2	b	c1	c2	d
1250-300	0-300mm/0-12"	±0.04mm	545	135	43	75	80	30	28
1250-450	0-450mm/0-18"	±0.05mm	720	180	54	85	80	41	35
1250-600	0-600mm/0-24"	±0.05mm	870	180	54	85	80	41	35

# VERNIER HEIGHT GAGES (LIGHT DUTY)

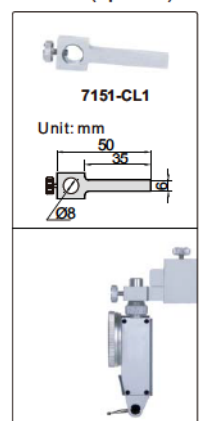
ATTENTION: CAN NOT USE CLAMP FOR PROTRACTORS (CODE 2372-CLAMP)

- Graduation 0.02mm/0.001"
- Carbide tipped scriber
- Made of stainless steel (except the base)
- Satin chrome plated scale
- Optional accessory: dial test indicator holder (code 7151-CL1)



1253-200

dial test indicator holder (optional)



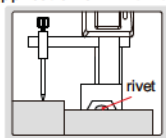
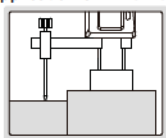
Code	Range	Accuracy	L	a	b	d
1253-150	0-150mm/0-6"	±0.03mm	265	75	57	16
1253-200	0-200mm/0-8"	±0.03mm	325	90	70	20

# MINI DIGITAL HEIGHT GAGES

DATA OUTPUT

application of 1146-20A

application of 1146-20B



- Measure height difference of two surfaces (1146-20B suitable for surfaces with barrier, such as rivet)
- 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)

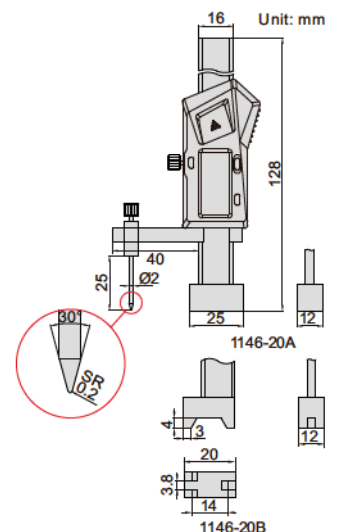
Code	Range	Accuracy
1146-20A	0~±20mm/0~±0.8"	±0.02mm
1146-20B	0~±20mm/0~±0.8"	±0.02mm



1146-20A



1146-20B





### SCRIBERS FOR HEIGHT GAGES

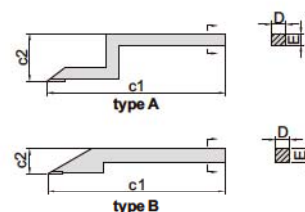
- Carbide tipped



7150-SC1

(mm)

Code	For height gages	Type	c1	c2	D	E
7150-SC1	1150-300	A	76	25	6	8
7150-SC2	1150-500, 1150-600	A	103	25	10	12
7150-SC3	1150-1000, 1150-1500, 1150-2000	A	110	39	10	15
7150-SC4	1351-300, 1351-450, 1351-600	B	78	15	9	9
7150-SC6	1250-300, 1156-300, 1156-600	A	80	30	9	9
7150-SC7	1250-450, 1250-600	A	80	41	9	9
7150-SC9	1253-150, 1253-200, 1154-150	B	55	12.5	6	8



#### QUICK MEASUREMENT ONE TURN OF SLEEVE OR RATCHET STOP MAKES 1MM SPINDLE FEED

- Resolution: 0.001mm/0.00005"
- Repeatability: 1µm
- Measuring force: 5-10N
- Non-rotating spindle, suitable for cylinders
- Quick measurement: one turn of sleeve or ratchet stop makes 1mm spindle feed
- Carbide measuring faces
- Ratchet stop
- Data output
- Button function: mm/inch, max./min. value tracking, tolerance measurement, hold, on/off, zero
- CR2032 battery, automatic power off
- Supplied with setting standards (except 0-25mm/0-1")

### NON-ROTATING SPINDLE DIGITAL MICROMETERS

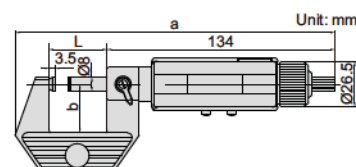
**INSIZE PLUS**  
MADE IN GERMANY

NON-ROTATING  
SPINDLE

DATA  
OUTPUT



3631-25



Code	Range	Accuracy	L	a	b
3631-25	0-25mm/0-1"	±2µm	34	188	28.5
3631-50	25-50mm/1-2"	±2µm	59	211	30
3631-75	50-75mm/2-3"	±3µm	84	240	44
3631-100	75-100mm/3-4"	±3µm	109	264	56
3631-125	100-125mm/4-5"	±3µm	134	289	76
3631-150	125-150mm/5-6"	±3µm	160	314	89

#### LEVER DEVICE SUITABLE FOR MASS PRODUCTION

NON-ROTATING  
SPINDLE

DATA  
OUTPUT

#### QUICK MEASUREMENT ONE TURN OF SLEEVE OR RATCHET STOP MAKES 1MM SPINDLE FEED

- Resolution: 0.001mm/0.00005"
- Repeatability: 1µm
- Measuring force: 5-10N
- Lever device suitable for mass production
- Non-rotating spindle, suitable for cylinders
- Quick measurement: one turn of sleeve or ratchet stop makes 1mm spindle feed
- Carbide measuring faces
- Ratchet stop
- Data output
- Button function: mm/inch, max./min. value tracking, tolerance measurement, hold, on/off, zero
- CR2032 battery, automatic power off

### NON-ROTATING SPINDLE DIGITAL MICROMETERS

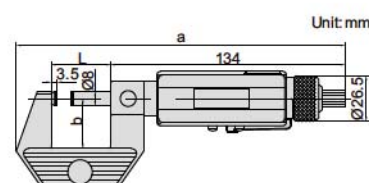
**INSIZE PLUS**  
MADE IN GERMANY



3632-25

lever device

Press lever device to retract the spindle 1.5mm (max.).  
Loose lever device to release the spindle to contact workpiece, measuring force is constant.



Code	Range	Accuracy	L	a	b
3632-25	0-25mm/0-1"	±2µm	34	188	28.5