

## SAVE 15% ON ALL ITEMS

Connect with us on:



### ELECTRONIC CALIPERS (STANDARD MODEL)



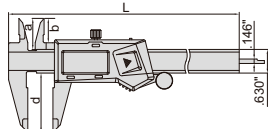
1108-150

INSPECTION  
CERTIFICATE  
TRACEABLE TO NIST

DATA  
OUTPUT

INSIZE  
ISO17025 CERTIFICATE  
AVAILABLE AT  
EXTRA CHARGE

- Resolution .0005"/0.01mm
- Buttons: on/off, zero, inch/mm
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable



Part No.	Range	Accuracy	L	a	b	d	List Price (\$)	Sale Price (\$)
1108-150*	0-6"/0-150mm	±.0008"	9.291"	.827"	.630"	1.575"	54.10	46.00
1108-200*	0-8"/0-200mm	±.0012"	11.260"	.945"	.748"	1.969"	80.00	68.00
1108-300*	0-12"/0-300mm	±.0012"	15.748"	.984"	.807"	2.362"	119.90	102.00

\*Supplied with manufacturer inspection certificate traceable to NIST

### ELECTRONIC WATERPROOF CALIPERS

ATTENTION:  
NO DATA OUTPUT



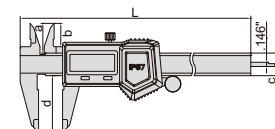
1118-150B

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

INSPECTION  
CERTIFICATE  
TRACEABLE TO NIST

IP67  
WATERPROOF

- Accuracy ±.0012"
- IP67 dust/waterproof
- Resolution .0005"/0.01mm
- Button function: zero, on/off, inch/mm, ABS/REL, hold
- Battery CR2032
- Made of stainless steel



Part No.	Range	L	a	b	c	d	List Price (\$)	Sale Price (\$)
1118-150B*	0-6"/0-150mm	9.291"	.827"	.630"	.630"	1.575"	164.70	140.00
1118-200B*	0-8"/0-200mm	11.260"	.945"	.748"	.630"	1.969"	252.40	214.60
1118-300B*	0-12"/0-300mm	15.748"	.984"	.807"	.669"	2.362"	303.90	258.30

\*Supplied with manufacturer inspection certificate traceable to NIST

### DIAL CALIPERS

- Shockproof dial indicator
- Made of stainless steel



1311-6

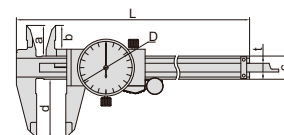
SHOCK  
PROOF

INSPECTION  
CERTIFICATE  
TRACEABLE TO NIST

Dial indicator graduation .001"

Part No.	Range	Accuracy	L	a	b	c	d	D	t	List Price (\$)	Sale Price (\$)
1311-6*	0-6"	±.0015"	9.252"	.827"	.650"	.630"	1.575"	1.535" DIA	.256"	53.50	45.50
1311-8*	0-8"	±.0020"	11.339"	.945"	.748"	.630"	1.890"	1.535" DIA	.256"	71.00	60.40
1311-12*	0-12"	±.0020"	16.142"	1.102"	.866"	.787"	2.441"	1.752" DIA	.295"	124.50	105.80

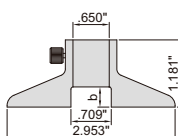
\*Supplied with manufacturer inspection certificate traceable to NIST



### DEPTH BASE ATTACHMENT



6140



- To increase the stability of depth measurement
- Suitable for digital calipers and dial calipers
- Made of stainless steel

Part No.	Application	b	List Price (\$)	Sale Price (\$)
6140	suitable for calipers with beam width (w) .630"	.354"	20.50	17.40

### ELECTRONIC CALIPER WITH INTERCHANGEABLE POINTS PART NO. 1526-200

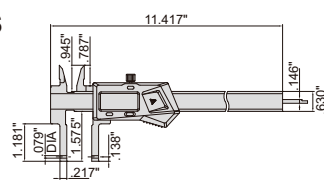


1526-200

DATA  
OUTPUT

- Supplied with 3 pairs of points and zero setting block for external measurement
- Resolution .0005"/0.01mm
- Buttons: on/off, set, inch/mm, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: points, depth stop, data output cable

depth stop 6143  
(optional)

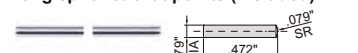


Part No.	List Price (\$)	Sale Price (\$)
1526-200	367.20	312.00

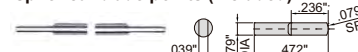
short spherical points (included)



long spherical/flat points (included)

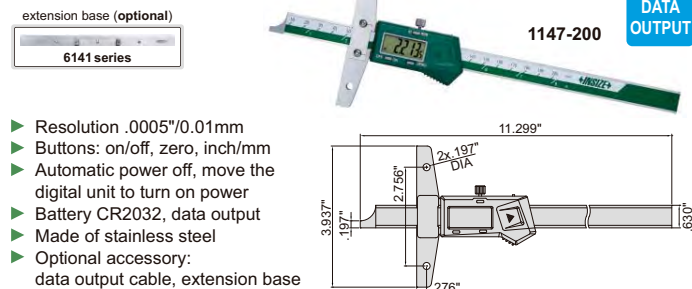


spherical blade points (included)



Point	Range	Accuracy	Application
short spherical points	.5-8.5"/12-212mm (internal)	±.0012"	for grooves inside small hole
long spherical/flat points	1-8.8"/24-224mm (internal) 0-7.5"/0-187mm (external)	±.0012"	spherical points for grooves inside hole flat points for external grooves
spherical blade points	1-8.8"/24-224mm (internal) 0-7.5"/0-187mm (external)	±.0012"	for narrow grooves inside hole

## ELECTRONIC DEPTH GAGE WITH MOUNTING HOLES FOR EXTENSION BASE



Part No.	Range	Accuracy	List Price (\$)	Sale Price (\$)
1147-200	0-8"/0-200mm	±.0012"	156.80	133.20

## ELECTRONIC OUTSIDE MICROMETER



Part No.	Range	Accuracy	List Price (\$)	Sale Price (\$)
3109-25E*	0-1"/0-25mm	±.00010"	99.90	84.90

\*Supplied with manufacturer inspection certificate traceable to NIST

## PISTOL GRIP THREE POINTS BORE GAGES

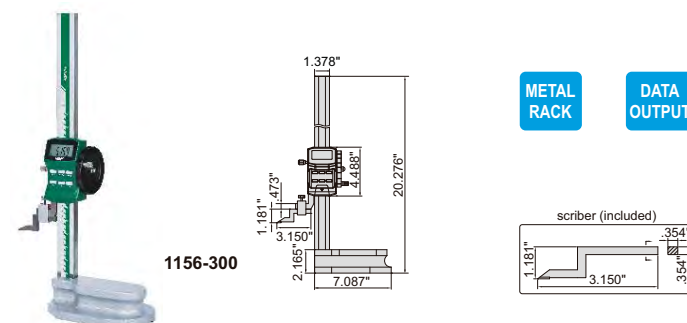


Individual

Part No.	Range	Type	Accuracy	Setting ring (included)	Extension rod (included)	L	a	b	c	List Price (\$)	Sale Price (\$)
2124-E035*	.275-.35"	A	.00016"	.275" DIA	4"	2"	.059"	.098"	—	472.90	402.00
2124-E0425*	.35-.425"	A	.00016"	.35" DIA	4"	2"	.059"	.098"	—	463.30	394.00
2124-E05*	.425-.5"	A	.00016"	.5" DIA	4"	2"	.059"	.098"	—	491.30	418.00
2124-E065*	.5-.65"	B	.00016"	.65" DIA	6"	2.6"	.020"	.236"	.177"	497.10	423.00
2124-E08*	.65-.8"	B	.00016"	.65" DIA	6"	2.6"	.020"	.236"	.177"	527.00	448.00
2124-E1*	.8-1"	B	.00016"	1" DIA	6"	3.64"	.020"	.315"	.236"	561.40	477.00
2124-E112*	1-1.2"	B	.00016"	1" DIA	6"	3.64"	.020"	.315"	.236"	598.30	509.00
2124-E16*	1.2-1.6"	B	.00016"	1.6" DIA	6"	3.88"	.020"	.551"	.472"	643.00	547.00
2124-E2*	1.6-2"	B	.00020"	1.6" DIA	6"	3.88"	.020"	.551"	.472"	685.00	582.00
2124-E25*	2-2.5"	C	.00020"	2.5" DIA	6"	4.48"	.020"	.689"	.571"	742.30	631.00
2124-E3*	2.5-3"	C	.00020"	2.5" DIA	6"	4.48"	.020"	.689"	.571"	790.30	672.00
2124-E35*	3-3.5"	C	.00020"	3.5" DIA	6"	4.48"	.020"	.689"	.571"	841.30	715.00
2124-E4*	3.5-4"	C	.00020"	3.5" DIA	6"	4.48"	.020"	.689"	.571"	895.40	761.00

\*Supplied with manufacturer inspection certificate

## ELECTRONIC HEIGHT GAGE WITH DRIVING WHEEL



- Resolution .0005"/0.01mm
- Buttons: on/off, zero, inch/mm, 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, dial test indicator holder (part no. 6293-7), clamp for protractors (part no. 2372-CLAMP)

Part No.	Range	Accuracy	List Price (\$)	Sale Price (\$)
1156-300	0-12"/0-300mm	±.0012"	532.00	452.00

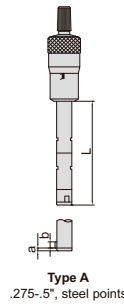
## THREE POINTS INTERNAL MICROMETERS

INSPECTION  
CERTIFICATE

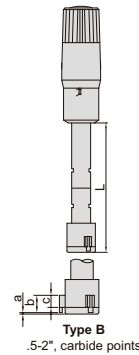
- .275-.5": graduation .0001"
- .5-4": graduation .0002"
- Ratchet stop
- Optional accessory: setting rings (part no. 6313), micrometer stand and clamp (part no. 6301 and 6301-2)



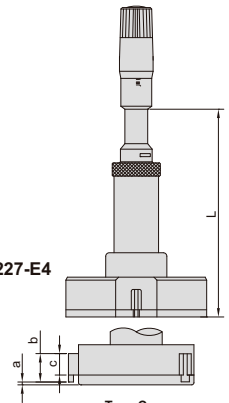
3227-E035

Type A  
.275-.5", steel points

3227-E065

Type B  
.5-2", carbide points

3227-E4

Type C  
2-4", carbide points

setting rings are included



extension rods are included



3227-E24

## Individual

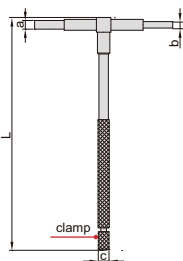
Part No.	Range	Type	Accuracy	Setting ring (included)	Extension rod (included)	L	a	b	c	List Price (\$)	Sale Price (\$)
3227-E035 *	.275-.35"	A	.00016"	.275" DIA	4"	2.146"	.059"	.098"	—	431.10	366.00
3227-E0425 *	.35-.425"	A	.00016"	.35" DIA	4"	2.146"	.059"	.098"	—	431.10	366.00
3227-E05 *	.425-.5"	A	.00016"	.5" DIA	4"	2.146"	.059"	.098"	—	431.10	366.00
3227-E065 *	.5-.65"	B	.00016"	.65" DIA	6"	3.150"	.020"	.236"	.177"	325.80	277.00
3227-E08 *	.65-.8"	B	.00016"	.65" DIA	6"	3.150"	.020"	.236"	.177"	325.80	277.00
3227-E1 *	.8-1"	B	.00016"	1" DIA	6"	3.543"	.020"	.315"	.236"	457.70	389.00
3227-E112 *	1-1.2"	B	.00016"	1" DIA	6"	3.543"	.020"	.315"	.236"	457.70	389.00
3227-E16 *	1.2-1.6"	B	.00016"	1.6" DIA	6"	3.819"	.020"	.551"	.472"	492.50	419.00
3227-E2 *	1.6-2"	B	.00020"	1.6" DIA	6"	3.819"	.020"	.551"	.472"	571.90	486.00
3227-E25 *	2-2.5"	C	.00020"	2.5" DIA	6"	4.488"	.020"	.689"	.571"	619.90	527.00
3227-E3 *	2.5-3"	C	.00020"	2.5" DIA	6"	4.488"	.020"	.689"	.571"	664.80	565.00
3227-E35 *	3-3.5"	C	.00020"	3.5" DIA	6"	4.488"	.020"	.689"	.571"	694.80	591.00
3227-E4 *	3.5-4"	C	.00020"	3.5" DIA	6"	4.488"	.020"	.689"	.571"	722.50	615.00

## Set

Part No.	Range	Micrometers included	Setting ring (included)	Extension rod (included)	List Price (\$)	Sale Price (\$)
3227-E053 *	.275-.5"	.275-.35", .35-.425", .425-.5"	.275" DIA, .35" DIA, .5" DIA	4"	1205.00	1025.00
3227-E082 *	.5-.8"	.5-.65", .65-.8"	.65" DIA	6"	606.10	515.00
3227-E24 *	.8-2"	.8-1", 1-1.2", 1.2-1.6", 1.6-2"	1" DIA, 1.6" DIA	6"	1730.00	1471.00
3227-E44 *	2-4"	2-2.5", 2.5-3", 3-3.5", 3.5-4"	2.5" DIA, 3.5" DIA	6"	2307.00	1961.00

\* Supplied with manufacturer inspection certificate

## TELESCOPING GAGE SET

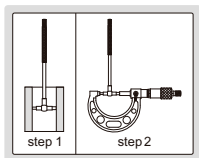


- 6 gages per set
- For quick measurement of inside diameter of holes and width of slots
- Satin chrome finish



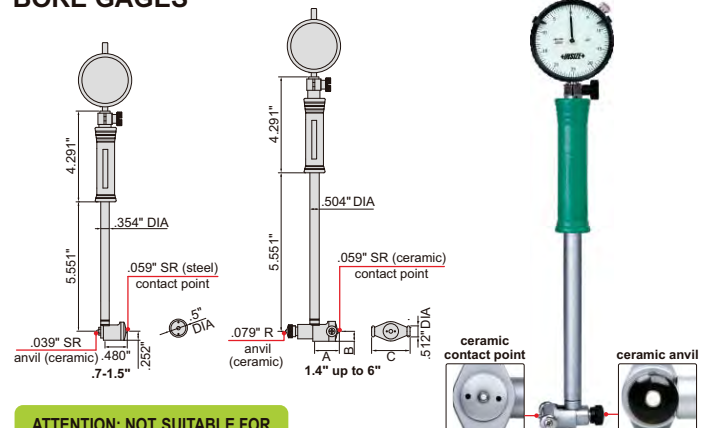
4206-1

Range	L	a	b	c
5/16~1/2"	4.528"	.154" DIA	.114" DIA	.244" DIA
1/2~3/4"	4.528"	.209" DIA	.150" DIA	.244" DIA
3/4~1-1/4"	4.528"	.209" DIA	.150" DIA	.244" DIA
1-1/4~2-1/8"	5.394"	.299" DIA	.240" DIA	.283" DIA
2-1/8~3-1/2"	5.394"	.299" DIA	.240" DIA	.283" DIA
3-1/2~6"	5.394"	.299" DIA	.240" DIA	.283" DIA



Part No.	Total range	Gages included	List Price (\$)	Sale Price (\$)
4206-1	5/16~6"	5/16~1/2", 1/2~3/4", 3/4~1-1/4", 1-1/4~2-1/8", 2-1/8~3-1/2", 3-1/2~6"	40.60	34.50

## BORE GAGES

ATTENTION: NOT SUITABLE FOR  
.00005" OR .0001" DIAL INDICATORS

- Optional accessory:  
setting ring (part no. 6313),  
long handle (part no. 7351)

Range	A	B	C
1.4-2.4"	.866"	.354"	1.063"
2-6"	1.024"	.354"	1.378"

## With dial indicator

Part No.	Range	Indicator	Accuracy	Repeatability	List Price (\$)	Sale Price (\$)
2323-15	.7-1.5"	dial indicator range .25" graduation .0005"	±.00075"	.00015"	183.30	156.00
2323-24	1.4-2.4"	dial indicator range .25" graduation .0005"	±.0009"	.00015"	165.80	141.00
2323-6	2-6"	dial indicator range .25" graduation .0005"	±.0009"	.00015"	174.70	149.00



## BORE GAGE SETS

ATTENTION: NOT SUITABLE FOR .00005" OR .0001" DIAL INDICATORS

- ▶ Repeatability .00015"
- ▶ Dial indicator: range .25", graduation .0005"
- ▶ Optional accessory: setting ring (part no. 6313) long handle (part no. 7351)

packaging (part no. 2824-S3E)



Part No.	Range	Bore gages included	Accuracy	List Price (\$)	Sale Price (\$)
2824-S2E	1.4-6"	① 1.4-2" (dial indicator and handle are not included) ② 2-6"	1.4-2" ±.0009" 2-6" ±.0009"	198.00	168.00
2824-S3E	.7-6"	① .7-1.5" ② 1.4-2.4" (dial indicator is not included) ③ 2-6" (dial indicator is not included)	.7-1.5" ±.00075" 1.4-2.4" ±.0009" 2-6" ±.0009"	457.00	388.00



## ELECTRONIC INDICATOR (STANDARD MODEL)

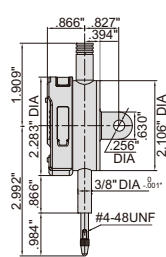
DATA OUTPUT

INSPECTION CERTIFICATE TRACEABLE TO NIST

- ▶ Accuracy ±.0015"
- ▶ Hysteresis .0005"
- ▶ Meet ASME B89.1.10M-2001
- ▶ Button function: on/off, inch/mm, zero
- ▶ CR2032 battery, automatic power off
- ▶ Data output
- ▶ Lug back
- ▶ Optional accessory: data output cable, backs, contact points



2112-10E



spindle lift knob is included



Part No.	Range	Resolution	List Price (\$)	Sale Price (\$)
2112-10E*	.5"/12.7mm	.0005"/0.01mm	122.20	104.00

\*Supplied with manufacturer inspection certificate traceable to NIST

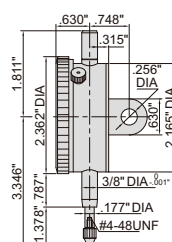
## DIAL INDICATOR

INSIZE ISO17025 CERTIFICATE AVAILABLE AT EXTRA CHARGE

INSPECTION CERTIFICATE TRACEABLE TO NIST



2307-1



- ▶ Graduation .001"
- ▶ Meet ASME B89.1.10M-2001
- ▶ Lug back
- ▶ Supplied with limit pointers and bezel clamp
- ▶ Optional accessory: backs, contact points

Part No.	Range	Accuracy	Range /rev	Dial reading	List Price (\$)	Sale Price (\$)
2307-1*	1"	First 2.5 rev ±.001" Overall ±.002"	.1	0-100	32.10	27.30

\*Supplied with manufacturer inspection certificate traceable to NIST

## DIAL TEST INDICATORS

JEWEL BEARING

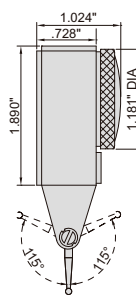
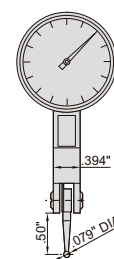
INSPECTION CERTIFICATE TRACEABLE TO NIST

- ▶ Dial reading: 0-15-0
- ▶ Jeweled bearing
- ▶ Carbide contact point
- ▶ Two measuring directions
- ▶ Anti magnetic body
- ▶ Supplied with two clamps: 5/32" DIA and 3/8" DIA
- ▶ Optional accessory: styl



2380-31

clamps are included



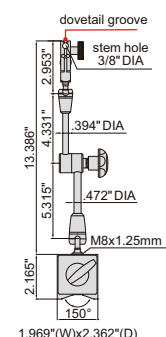
Part No.	Range	Graduation	Accuracy	List Price (\$)	Sale Price (\$)
2380-31*	.03"	.001"	±.001"	68.60	58.30
2380-35*	.03"	.0005"	±.0005"	86.20	73.30

\*Supplied with manufacturer inspection certificate traceable to NIST

## UNIVERSAL MAGNETIC STAND

- ▶ For digital/dial indicators and dial test indicator
- ▶ With fine adjustment and dovetail groove

6210-80E

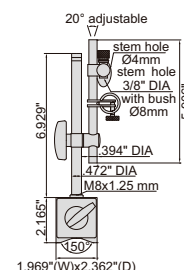


Part No.	Magnetic force	Applicable holding stem	List Price (\$)	Sale Price (\$)
6210-80E	176lbf	3/8" DIA	144.60	123.00

## MAGNETIC STAND

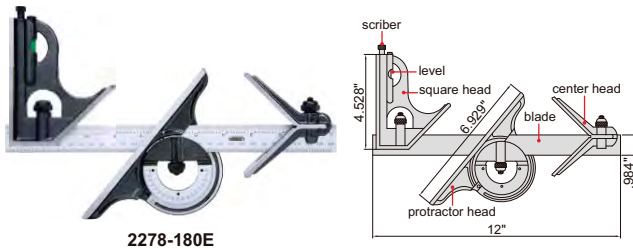
- ▶ Applicable holding stem: 3/8" DIA, Ø8mm, Ø4mm
- ▶ For electronic/dial indicators and dial test indicators

6201-60



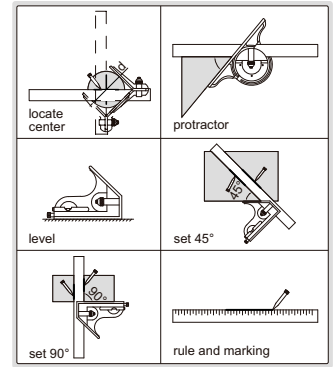
Part No.	Magnetic force	Remark	List Price (\$)	Sale Price (\$)
6201-60	132lbf	with fine adjustment	26.20	22.30

## COMBINATION SQUARE SET



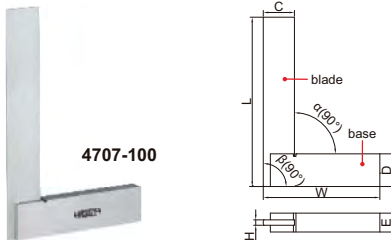
2278-180E

- ▶ Center head (made of cast iron):  
To locate center of cylinder with diameter (d):  
1.181" DIA-3.937" DIA, Accuracy:  $\pm .006"$
- ▶ Protractor head (made of cast iron):  
To set the blade at desired angle to an edge of a workpiece, and can be used to measure angles  
Range: 0-180°, accuracy:  $\pm 7\text{min}$ .
- ▶ Square head (made of cast iron):  
To set the blade at 90° or 45° to an edge of a workpiece  
Accuracy:  $\pm 8\text{min}$  for 90° square,  $\pm 10\text{min}$  for 45° square
- ▶ Optional accessory: rigid rule (part no. 7113)



Part No.	Remark	Blade Range	Blade Graduation	List Price (\$)	Sale Price (\$)
2278-180E	4 piece set	12"	1/8" and 1/16" on front face, 1/32" and 1/64" on back face	141.20	120.00

## MACHINIST SQUARES WITH WIDE BASE



4707-100

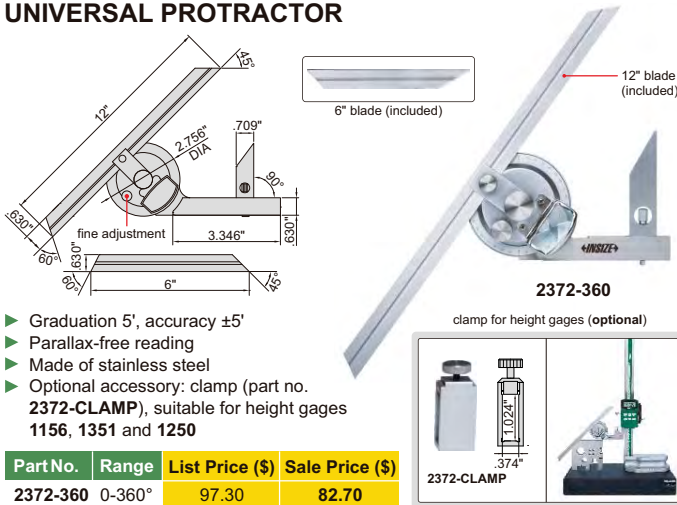
- ▶ Economic model
- ▶ DIN875 grade 2
- ▶ Made of carbon steel, no anti-rust treatment, not hardened

ATTENTION: NO ANTI-RUST TREATMENT, NOT HARDENED

ATTENTION: LOW ACCURACY

Part No.	Size (LxW)	Squareness		C	D	H	E	List Price (\$)	Sale Price (\$)
		Inside (α)	Outside (β)						
4707-100	3.9x2.8"	1.10mil	1.18mil	.748"	.748"	.118"	.472"	19.20	16.30
4707-150	6x4"	1.30mil	1.38mil	.984"	.984"	.118"	.630"	27.20	23.10
4707-200	8x5"	1.46mil	1.58mil	1.181"	1.260"	.157"	.630"	49.60	42.20
4707-300	12x8"	1.85mil	1.97mil	1.260"	1.260"	.157"	.748"	72.00	61.20

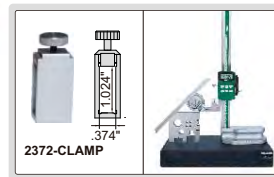
## UNIVERSAL PROTRACTOR



2372-360

- ▶ Graduation 5', accuracy  $\pm 5'$
- ▶ Parallax-free reading
- ▶ Made of stainless steel
- ▶ Optional accessory: clamp (part no. 2372-CLAMP), suitable for height gages 1156, 1351 and 1250

Part No.	Range	List Price (\$)	Sale Price (\$)
2372-360	0-360°	97.30	82.70



2372-CLAMP

## 2-PIECE MEASURING TOOL SET

- ▶ Includes:  
1) Electronic caliper, range 0-6"/0-150mm, resolution .0005"/0.01mm (part no. 1108-150)  
2) Electronic outside micrometer, range 0-1"/0-25mm, resolution .00005"/0.001mm (part no. 3109-25B)



5022

Part No.	List Price (\$)	Sale Price (\$)
5022	169.00	144.00

## 3-PIECE MEASURING TOOL SET

- ▶ Includes:  
1) Dial caliper, range 0-6", graduation .001" (part no. 1311-6)  
2) Outside micrometer, range 0-1", graduation .0001" (part no. 3202-1)  
3) Steel rule, 6"/150mm (part no. 7110-150)



5003-1

Part No.	List Price (\$)	Sale Price (\$)
5003-1	99.90	84.90

## 3-PIECE MEASURING TOOL SET

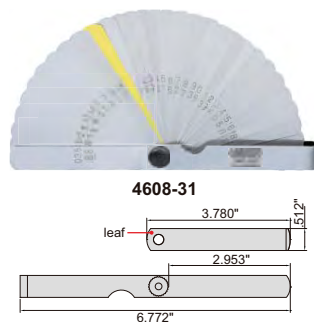
- ▶ Includes:  
1) Electronic caliper, range 0-6"/0-150mm, resolution .0005"/0.01mm (part no. 1108-150)  
2) Outside micrometer, range 0-1", graduation .0001" (part no. 3202-1)  
3) Steel rule, 6"/150mm (part no. 7110-150)



5003-1E

Part No.	List Price (\$)	Sale Price (\$)
5003-1E	93.80	79.70

## FEELER GAGE



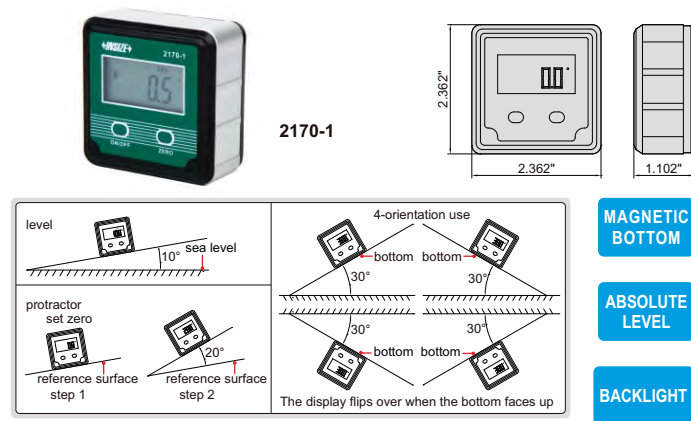
4608-31

- ▶ .010" is made of brass, others are made of hardened alloy steel
- ▶ Each blade is marked with inch/metric size

Thickness of leaves included	Accuracy
.010" (brass)	$\pm .00039"$
.0015", .002"	$\pm .0002"$
.0025", .003", .004", .005", .006", .007"	$\pm .00028"$
.008", .009"	$\pm .00035"$
.010", .011"	$\pm .00039"$
.012", .013"	$\pm .00047"$
.014", .015"	$\pm .00051"$
.016", .017"	$\pm .00055"$
.018", .019"	$\pm .00059"$
.020", .021"	$\pm .00067"$
.022", .023"	$\pm .00071"$
.024", .025", .026"	$\pm .00075"$
.028"	$\pm .00091"$
.030"	$\pm .00094"$
.032", .035"	$\pm .00102"$

Part No.	Range	Quantity of Leaves	List Price (\$)	Sale Price (\$)
4608-31	.0015"-.035"	32	9.40	8.00

## ELECTRONIC LEVEL AND PROTRACTOR



**MAGNETIC BOTTOM**

**ABSOLUTE LEVEL**

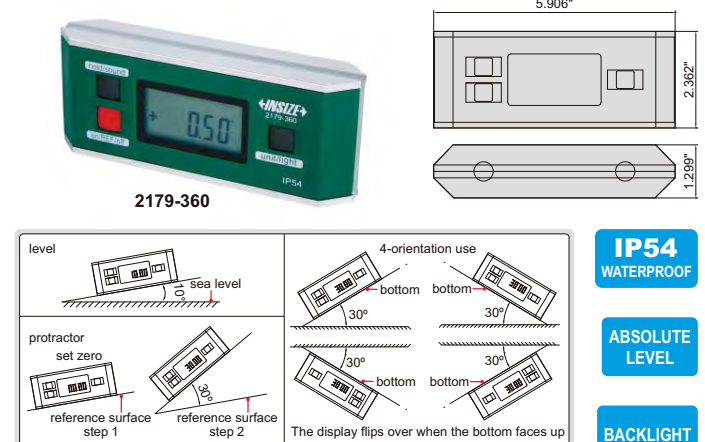
**BACKLIGHT**

- ▶ Aluminum frame
- ▶ Magnetic bottom
- ▶ The display flips over when the bottom faces up
- ▶ The backlight is on automatically when in use, and automatically off in 15 minutes after use
- ▶ The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- ▶ Buttons: ON/OFF, ZERO, absolute and incremental measurement
- ▶ One AAA battery, automatic power off in 5 minutes

**DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP**

Part No.	Range	Resolution	Accuracy	List Price (\$)	Sale Price (\$)
2170-1	4x90°	0.1° (=.021in/ft)	at 0° and 90°: ±0.1°; others: ±0.2°	89.50	76.10

## ELECTRONIC LEVEL AND PROTRACTOR



**IP54 WATERPROOF**

**ABSOLUTE LEVEL**

**BACKLIGHT**

- ▶ IP54 dust/waterproof
- ▶ Aluminum frame
- ▶ Magnetic bottom with V-groove for shafts
- ▶ The sea level is permanently set inside the chip, zero setting is not needed when batteries are replaced
- ▶ Buttons: ON/OFF, absolute and incremental measurement, keep the reading, buzzer alarm, unit (in/ft, %, mm/m), backlight
- ▶ Two AAA batteries, automatic power off

**BUZZER ALARM AT 0° AND 90°**

Part No.	Range	Resolution	Accuracy	List Price (\$)	Sale Price (\$)
2179-360	0-360° (90°x4)	0.05°/ .125in/ft	at 0° and 90°: ±0.1°; others: ±0.2°	147.30	125.00

## DIGITAL AUTO FOCUS MICROSCOPE (WITH DISPLAY) PART NO. 5303-AF103

- ▶ 1080P high-definition image
- ▶ Auto focus camera
- ▶ Take pictures and videos, saved to memory card
- ▶ Automatic exposure and white balance
- ▶ Brightness, contrast ratio, gain are adjustable
- ▶ Display cross hair (blue/green/red/yellow/black/brown colors)

### SPECIFICATION

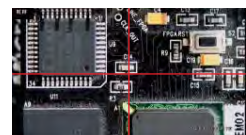
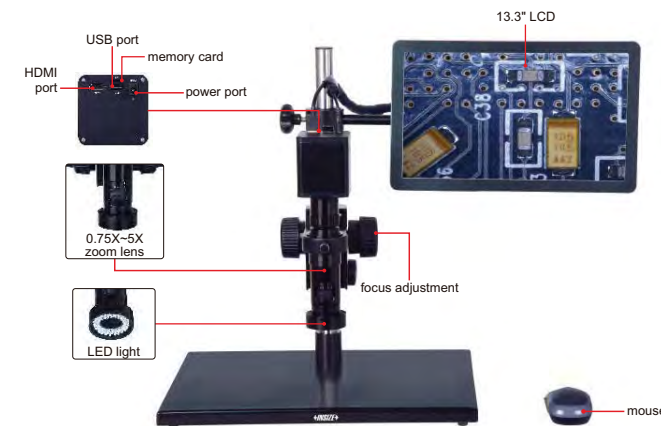
List Price (\$)	3158.00
Sale Price (\$)	2684.00
Magnification	20X~123X
Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	22.44×11.81×16.93"
Weigh	14.33lb

### STANDARD DELIVERY

Main unit	1 pc
0.5X camera adapter	1 pc
1X auxiliary objective	1 pc
8G memory card and holder	1 pc
White/black plate	1 pc
Mouse	1 pc
HDMI cable	1 pc
Power adpter	2 pcs

### AUTO FOCUS DISTANCE

Zoom objective scale	0.75X	1X	1.5X	2X	2.5X
Auto focus distance	1.89~3.31"	1.97~3.07"	2.17~2.87"	2.44~2.80"	2.56~2.76"
Zoom objective scale	3X	3.5X	4X	4.5X	5X
Auto focus distance	2.60~2.76"	2.64~2.76"	2.68~2.76"	2.68~2.76"	2.68~2.76"



display cross hair (blue/green/red/yellow/black/brown colors)



X-Y glass stage (optional) (X-Y travel: 2.91×2.36")

**TAKE PICTURES AND VIDEOS**

**AUTO FOCUS**



1X auxiliary objective (included)



2X auxiliary objective (optional)



0.5X camera adapter (included)



1X camera adapter (optional)



8G memory card and holder (included)

### OPTIONAL ACCESSORY

1X camera adapter	ISM-DL-CA1X
2X auxiliary objective	ISM-DL-OB2X
X-Y glass stage (travel: 2.91×2.36")	ISM-DL-STAGE
X-Y metal stage	ISM-DL-STAGE1
LED auxiliary illumination	ISM-DL-LED
Coaxial light illumination	ISM-DL-COAXIAL

### MAGNIFICATION, FOCUS DISTANCE AND VIEW FIELD

Auxiliary Objective	Specification	Camera adapter	
		0.5X (included)	1X (optional)
1X (included)	Magnification	20~123X	40~246X
	Focus distance	1.89~3.31"	1.89~3.31"
	View filed	.51×.28~.09×.04"	.25×.14~.04×.02"
2X (optional)	Magnification	40~246X	80~492X
	Focus distance	.94~1.65"	.94~1.65"
	View filed	.26×.14~.04×.02"	.13×.07~.02×.01"



## DIGITAL MEASURING MICROSCOPE (WITH DISPLAY)

- ▶ 1080P high-definition image
- ▶ Built-in software without computer, operation by mouse
- ▶ Take pictures, saved to USB flash disk
- ▶ Measurement results can be output to Excel
- ▶ Automatic white balance and exposure
- ▶ Brightness, contrast ratio, gain are adjustable

### SPECIFICATION

Part No.	ISM-DL301-U (with contour illumination)
List Price (\$)	3366.00
Sale Price (\$)	2861.00
Magnification	15X~100X
Sensor	1/2" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Power supply	power adapter and 110V, 50/60Hz
Dimension (L×W×H)	22.44×11.81×16.93"
Weight	14.44lb

### STANDARD DELIVERY

Main unit	1 pc
0.5X camera adapter	1 pc
1X auxiliary objective	1 pc
Calibration plate	1 pc
16G USB flash disk	1 pc
White/black plate	1 pc
Mouse	1 pc
HDMI cable	1 pc
Power adapter	2 pcs

### OPTIONAL ACCESSORY

1X camera adapter	ISM-DL-CA1X
2X auxiliary objective	ISM-DL-OB2X
X-Y glass stage (travel: 2.91×2.36")	ISM-DL-STAGE
X-Y metal stage	ISM-DL-STAGE1
LED auxiliary illumination	ISM-DL-LED
Coaxial light illumination	ISM-DL-COAXIAL
Auxiliary objective lens	

BUILT-IN SOFTWARE  
WITHOUT COMPUTER

MEASUREMENT

TAKE PICTURES

### MEASURING ACCURACY

Magnification	Measuring accuracy *
15X	±.00031"
30X	±.00024"
50X	±.00024"
80X	±.00016"
100X	±.00016"
>100X	±.00016"

\* When measuring the contour of workpieces, please select ISM-DL301-U for high accuracy.

Part No.	List Price (\$)	Sale Price (\$)
ISM-DL-STAGE	242.00	206.00

### MAGNIFICATION, FOCUS DISTANCE AND VIEW FIELD

Auxiliary Objective	Specification	Camera adapter	
		0.5X (included)	1X (optional)
1X (included)	Magnification	15~100X	30~200X
	Focus distance	2.76±.08"	2.76±.08"
	View filed	.63×.43"~.1×.06"	.31×.21"~.05×.03"
2X (optional)	Magnification	30~200X	60~400X
	Focus distance	1.14±.08"	1.14±.08"
	View filed	.31×.21"~.05×.03"	.15×.11"~.024×.016"

## DIGITAL MICROSCOPE WITH DISPLAY (ECONOMIC MODEL) PART NO. 5304-DL100

- ▶ 1080P high-definition image
- ▶ Take pictures and videos, saved to memory card
- ▶ Automatic exposure and white balance
- ▶ Brightness, contrast ratio, gain are adjustable
- ▶ Display cross hair (blue/green/red/yellow/black/brown colors)

### SPECIFICATION

List Price (\$)	1477.00
Sale Price (\$)	1255.00
Magnification	28X~91X
Focus distance	1.10~3.07"
View field	.51×.28~.12×.08"
Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	14.96×10.24×19.69"
Weight	8.82lb

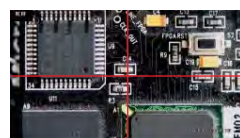
### OPTIONAL ACCESSORY

X-Y glass stage (travel: 2.91×2.36")	ISM-DL-STAGE
--------------------------------------	--------------

TAKE PICTURES  
AND VIDEOS



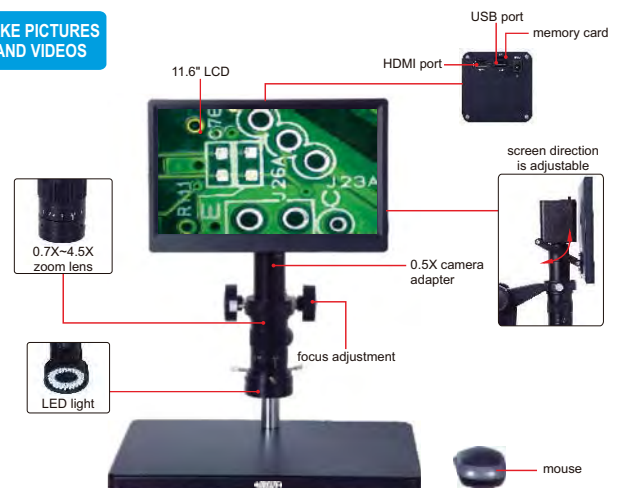
8G memory card and holder (included)



display cross hair (blue/green/red/yellow/black/brown colors)



X-Y glass stage (optional) (X-Y travel: 2.91×2.36")

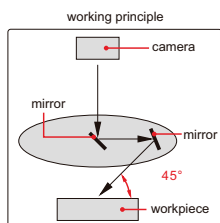


### STANDARD DELIVERY

Main unit	1 pc
8G memory card and holder	1 pc
Mouse	1 pc
White/black plate	1 pc
Power adapter	2 pcs

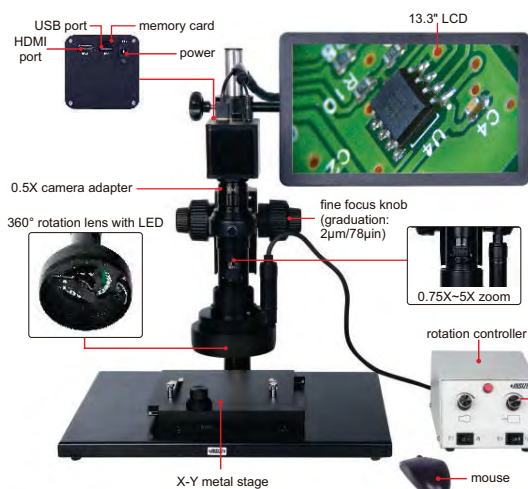
### 3D MOTORIZED ROTATION MICROSCOPE (WITH DISPLAY) PART NO. 5301-D400

- ▶ 1080P high-definition 3D image
- ▶ Take pictures and videos, saved to memory card
- ▶ Automatic white balance and exposure
- ▶ Brightness, contrast ratio, gain are adjustable



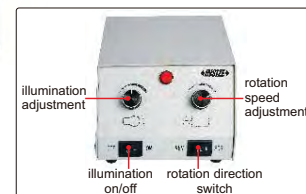
#### SPECIFICATION

List Price (\$)	7941.00
Sale Price (\$)	6750.00
Magnification	12X~75X
View field	.14×.08~.94×.57"
Focus distance	1.02"
View angle	45°
Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Rotation speed	5~27RPM, stepless adjustment
Power supply	power adapter and 110/220V, 50/60Hz
Dimension (L×W×H)	22.44×11.81×16.93"
Weight	22.05lb



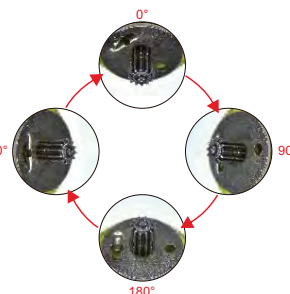
SUITABLE TO CHECK CONVEX OBJECTS AND WALL OF HOLE

TAKE PICTURES AND VIDEOS



#### STANDARD DELIVERY

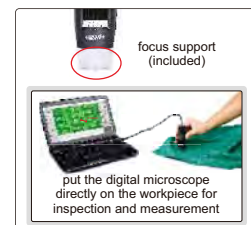
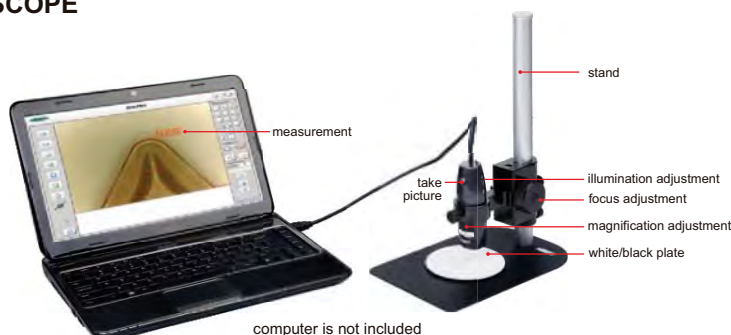
Main unit	1 pc
Rotation controller	1 pc
X-Y metal stage	1 pc
8G memory card and holder	1 pc
White/black plate	1 pc
Mouse	1 pc
Power adapter	2 pcs



### DIGITAL MEASURING MICROSCOPE PART NO. ISM-PM200SA



- ▶ Can take pictures and videos
- ▶ Supplied with software



#### SPECIFICATION

List Price (\$)	402.00
Sale Price (\$)	342.00
Magnification	10X~200X
Focus distance	short focus distance
Stand	standard
Focus support	included
Calibration rule	graduation 0.1mm/.004" and 1mm/.039"
Pixel	2M (resolution: 1600×1200)
Illumination	built-in adjustable LED
Power supply	USB 2.0 cable (voltage required: 5±0.1V)

#### filter (optional)



#### OPTIONAL ACCESSORY

Green filter	ISM-PM-GREEN
Yellow filter	ISM-PM-YELLOW
Blue filter	ISM-PM-BLUE

#### MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

Magnification	Focus distance	View field	Accuracy
50X	.83"	.32×.25"	1.2mil
100X	.51"	.15×.12"	0.6mil
150X	.63"	.10×.08"	0.4mil
200X	.75"	.07×.06"	0.3mil

#### INSIZE USA

Add: 3492 Diversified Drive  
Loganville, GA 30052  
Tel: 470-240-2520  
Fax: 470-448-4771  
E-mail: info@insizeus.com

Connect with us on:



Distributed by: