

IP67 WATERPROOF DIGITAL CALIPERS

INSIZE PLUS

INSPECTION
CERTIFICATE

DATA
OUTPUT

IP67
WATERPROOF

Starting At
\$ 259.00

- IP67 dust/waterproof
- Resolution .0005"/0.01mm
- Button function: zero, inch/mm, preset, data output
- Battery CR2032, data output
- Automatic power off, move the digital unit to turn on power
- Made of stainless steel
- Optional accessory: wireless transmitter part no. 7315-80 (receiver is needed), accessory set for digital calipers (part no. 6144, only for range 0-6" and 0-8"), depth base attachment (part no. 6140)



1195-150

Part No.	Range	Accuracy	Remark	List price
1195-150	0-6"/0-150mm	±.0010"	with depth bar	\$ 259.00
1195-200	0-8"/0-200mm	±.0015"	with depth bar	\$ 410.00
1195-300	0-12"/0-300mm	±.0015"	without depth bar	\$ 560.00

CARBON FIBER BORE GAUGES

CARBON FIBER EXTENSION RODS, LIGHT WEIGHT,
NOT EASY TO DEFORM, LOW THERMAL EXPANSION

SPRING LOADED
MEASURING POINT

DATA
OUTPUT

Starting At
\$ 6602.49



3522-1500

spring loaded point, and max./min. value tracking
make it easy to find the right measuring position



- Carbon fiber extension rods, light weight, not easy to deform, low thermal expansion
- Carbide measuring faces
- Data output
- Button function: on/off, zero, tolerance Go and No-Go display, data preset, measuring direction change, max./min./TIR measurement, inch/metric conversion, absolute/incremental measurement
- Supplied with 400mm (15.7480") setting standard
- Optional accessory: wireless transmitter part no. 7315-51 (receiver is needed)

setting standard (included),
used to set the measuring head



Measuring head

Range	Resolution	Accuracy	Repeatability	Weight
16-18"	.00005"/0.001mm	±.00015"	±.00010"	2.2lb

Part No.	Range	Weight	Extension rods (mm)	List price
3522-1000	16-40"	8.4lb	50 (1.9685"), 100 (3.9370"), 200 (7.8740"), 300 (11.8110")	\$ 6602.49
3522-1500	16-60"	9.9lb	50 (1.9685"), 100 (3.9370"), 200 (7.8740"), 300 (11.8110"), 600 (23.6220")	\$ 7367.89
3522-2000	16-80"	11.7lb	50 (1.9685"), 100 (3.9370"), 200 (7.8740"), 300 (11.8110"), 600 (23.6220"), 2 pcs	\$ 8116.20

DIGITAL CALIPERS

INSPECTION
CERTIFICATE

ATTENTION:
NO DATA OUTPUT

Starting At
\$ 113.16

- Non waterproof
- Zinc alloy housing for digital unit
- Resolution .0005"/0.01mm
- Buttons: zero, on/off, inch/mm
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: accessory set for digital calipers (part no. 6144, only for range 0-6" and 0-8"), depth base attachment (part no. 6140)



1114-150A

Part No.	Range	Accuracy	List price
1114-150A	0-6"/0-150mm	±.0015"	\$ 113.16
1114-200A	0-8"/0-200mm	±.0015"	\$ 154.79
1114-300A	0-12"/0-300mm	±.0015"	\$ 233.78

DIGITAL MICROMETERS/SNAP GAUGES (BASIC TYPE)

ONE TURN OF SLEEVE MAKES .4" SPINDLE FEED,
PRESS THE FORK, THE SPINDLE RETRACTS .12"

MEASUREMENT ACCURACY IS NOT
AFFECTED BY THE USE OF SLEEVE

DATA
OUTPUT

NON-ROTATING
SPINDLE

ABSOLUTE ENCODER, THE ORIGINAL
DATA REMAINS AFTER POWER OFF

IP65
WATERPROOF

ATTENTION: RECHARGEABLE BATTERY,
FOR 24 HOURS CONTINUOUS WORKING

INSPECTION
CERTIFICATE

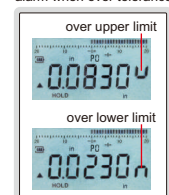
Starting At
\$ 512.40



3358-25

- Absolute encoder, the original data remains after power off
- Resolution .00005"/0.001mm
- One turn of sleeve makes .4" spindle feed
- Measurement accuracy is not affected by the use of sleeve
- Press the fork, the spindle retracts .12"
- 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, inch/mm
- Supplied with gauge blocks for zero setting (except 0-1"/0-25mm)
- Power: rechargeable battery, for 24 hours continuous working

alarm when over tolerance



With data interface (optional wireless transmitter part no. 7315-3350, receiver is needed)

Part No.	Range	Accuracy	Repeatability	Measuring faces		List price
				Flatness	Parallelism	
3358-25	0-1"/0-25mm	±.00010"	.00005"	.00002"	.00005"	\$ 512.40
3358-50	1-2"/25-50mm	±.00010"	.00005"	.00002"	.00005"	\$ 594.60

Built-in wireless (receiver part no. 7315-2/3/6/7/8/9 is needed)

Part No.	Range	Accuracy	Repeatability	Measuring faces		List price
				Flatness	Parallelism	
3358-25WL	0-1"/0-25mm	±.00010"	.00005"	.00002"	.00005"	\$ 573.25
3358-50WL	1-2"/25-50mm	±.00010"	.00005"	.00002"	.00005"	\$ 655.45

DIGITAL RADIUS GAUGE

DATA
OUTPUT

\$ 1262.85

- Resolution .001"/0.01mm
- Buttons: on/off, hold, inch/mm, s (select jaws), zero
- Measure radius of internal or external arcs
- Cylindrical measuring jaws, self-positioning
- Display can be rotated by 320°
- Supplied with 5 jaws for different sizes of arc
- Battery CR2032
- Automatic power off (time is adjustable)
- Data output
- Optional accessory: calibration standard (part no. 2183-BLOCK), wireless transmitter part no. 7315-50M (receiver is needed), data output cable part no. 7302-40M



2511

Part No.	Range of external radius (R1)	Range of internal radius (R2)	Accuracy (inch)	List price
2511	.2-35.83"/5-910mm	.3-35.83"/7-910mm	±.005R*	\$ 1262.85

*R is the radius to be measured. For example, radius is 4", the accuracy is ±.0051×4=±.02"



PRECISION MEASUREMENT

DIGITAL RADIUS GAUGES

DATA
OUTPUT

- Measure radius of external arc, arc angle of measured surface should be larger than 60°
- Display radius value, no need to calculate
- Button function: on/off, zero, data preset, inch/mm
- Keep preset data in memory after restart
- CR2032 battery, data output
- Automatic power off (time is adjustable)
- Stainless steel base
- Optional accessory: setting standards, wireless transmitter part no. 7315-50M (receiver is needed), data output cable part no. 7302-40M

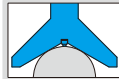


2188-55

Starting At
\$ 538.02

Part No.	Range (radius)	Resolution	Accuracy	List price
2188-55	.16-2.09"/4-53mm	.0005"/0.01mm	±.001"	\$ 538.02
2188-143	1.89-5.63"/48-143mm	.0005"/0.01mm	±.0015"	\$ 731.00
2188-233	5.43-9.17"/138-233mm	.0005"/0.01mm	±.0015"	\$ 805.96
2188-323	8.98-12.72"/228-323mm	.0005"/0.01mm	±.002"	\$ 956.48

application



WIRELESS DIGITAL MEASURING TAPES + LASER DISTANCE METERS

Starting At
\$ 152.65

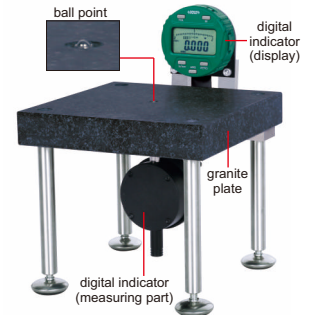
9563-C40

- Two transmission modes:
Bluetooth: data transmission to mobile APP
Wireless Zigbee: data transmission to Excel, WORD, Txt via receiver
- Transmission distance is 32ft (no obstacles, no electromagnetic interference)
- Built-in bluetooth or wireless Zigbee transmission
- Display with backlight
- Automatic power off: laser 30s, main unit 180s
- Can work continuously for 5 hours
- Can store 50 groups of measurement data

SPECIFICATION

Part No.	9563-C40	9563-C60
List price	\$ 152.65	\$ 166.53
Output	bluetooth (data can be transmitted to APP)	
Digital measuring tape	range	16ft
	resolution	.001ft, 1/16"
	accuracy	±1/16"
	digital measurement units	ft, in, ft+in, m
	graduation units	ft, m
	blade width	3/4"
	horizontal stand-out	≥5.9ft
Laser distance meter	measurement function	single size, area, volume
	range	131ft 196ft
	resolution	.001ft, 1/16"
	accuracy	±(.12+D/1666)", D: measured distance, unit: ft
	units	ft, in, ft+in, m
	laser type	630~670nm, <1mW, class 2
	measurement function	single, continuous, area, volume, pythagoras measurement
Operation temperature	32~104°F	
Storage temperature	14~140°F	
Power supply	built-in rechargeable lithium battery	
Dimension (L×W×H)	3.74×2.20×2.91"	
Weight	.69lb	

FLATNESS MEASUREMENT STAND

GRANITE PLATE CAN BE CUSTOMIZED
ACCORDING TO WORKPIECESDATA
OUTPUT

\$ 1396.29

- Optional accessory: wireless transmitter part no. 7315-50M (receiver is needed)

Part No.	Digital indicator resolution	Flatness measurement accuracy	Flatness of granite plate	List price
6852-150	.00005"/0.001mm	79μin	79μin	\$ 1396.29

DUAL AXIS DIGITAL LEVEL AND GYRO ANGLE METER

DATA
OUTPUTDISPLAY FLIPS OVER WHEN
THE BOTTOM FACES UP

BACKLIGHT

AUDIBLE ALARM
WHEN OUT OF LIMITATTENTION: HARD
PLASTIC CASE

\$ 283.96



2199-1

- Single axis/double axis level and slope meter, gyro technique can measure the angle between two planes in any direction
- Hard plastic case, with V-shaped grooves, four magnetic sides
- Display flips over when the bottom faces up
- Audible alarm when out of limit
- Buttons: POWER, ZERO, HOLD, display unit (°, mm/m, %), MENU
- Rechargeable Li-ion battery 3.7V, operation time is 40 hours
- Automatic power off in 30 minutes
- Data output
- Android and iPhone APP are included
- Optional accessory: wired data transmission (part no. 2199-A01), bluetooth (part no. 2199-A02), transmission distance is 32.8ft (under the condition of no obstruction and no electromagnetic interference)

Part No.	List price	Range	Resolution	Accuracy
2199-1	\$ 283.96	single axis level: 4×90°	0.01°	at 0° and 20°: ±0.08°
		dual axis level: ±40°		at 20° and 70°: ±0.15°
		gyro angle meter: 360°	0.1°	at 70° and 90°: ±0.08°
				±0.5°

MEASURING MAGNIFIERS
(WITH ILLUMINATION)Starting At
\$ 40.80

7527-D1

- Base with scale
- With 5 white LED and 5 UV LED
- Charging port: Type-C
- Work for 1.5h after fully charged

Part No.	List price	Magnification	Lens diameter (D)
7527-D1	\$ 40.80	10X	1.181" DIA
7527-D2	\$ 48.80	10X	1.181" DIA
7527-D1B	\$ 61.28	10X	1.181" DIA

BLUETOOTH DIGITAL LEVEL AND SLOPE METER

DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP	MAGNETIC BOTTOM
WORKING TEMPERATURE 23°F ~ 122°F	ABSOLUTE LEVEL
	BACKLIGHT

\$ 78.25

- Used as level and slope meter
- 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 seconds after use
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, ZERO, HOLD, absolute and incremental measurement
- Built-in bluetooth, transmission distance is 49.2ft (under the condition of no obstruction and no electromagnetic interference). Android and iPhone APP are included
- One AAA battery, automatic power off in 5 minutes



2198-2

Part No.	List price	Range	Resolution	Accuracy
2198-2	\$ 78.25	4×90°	0.1° (≈0.21in/ft)	at 0° and 90°: ±0.1°; others: ±0.2°

MINI LASER DISTANCE METER

BUILT-IN BLUETOOTH

\$ 139.00

- Accuracy: $\pm(12+D/1666)''$, D: measured distance, unit: ft
- Laser type: red laser, 24.80~26.38μm, class II, <1mW
- Built-in bluetooth, transmission distance is 32ft (no obstacles, no electromagnetic interference)
- Display with backlight
- Unit: ft, in, ft+in, m
- Distance, area, volume and height measurement
- Automatic power off: laser 30s, main unit 180s



SPECIFICATION

Part No.	9565-E40
List price	\$ 139.00
Measuring range	.65~131ft
Resolution	.001ft, 1/16", .001m
Charging interface	USB (type-C)
Dimension	7.09×1.10×1.57"
Weight	.12lb

STANDARD DELIVERY

Main unit	1 pc
USB charging cable	1 pc

DC TESLAMETERS

DATA OUTPUT

- Measure magnetic induction of DC magnetic field
- Directly display the N/S polarity of the measured magnetic field
- One-key zero function: eliminate the influence of zero drift before measurement
- Maximum value hold: record the maximum value of the changing magnetic field
- Unit switch between mT or G (1mT=10G)
- Auto ranging
- Built-in USB interface for data transmission
- Display with backlight
- Auto power off

Starting At \$ 281.00

0501-MA01



radial probe (included)

SPECIFICATION

Part No.	0501-MA01	0501-MA05
List price	\$ 675.00	\$ 281.00
Range	2000mT	
Resolution	.01mT (0~200mT) .1mT (200mT~2000mT)	
Accuracy	±1.0%	±2.0% (≤1000mT) ±5.0% (1000mT~2000mT)
Temperature coefficient	±.1%/K	
Zero drift	±.5mT/h	
Interface	USB	
Power supply	3×1.5V AA batteries or USB	
Dimension (LxWxH)	6.50×3.54×1.57"	
Weight	.77lb	

STANDARD DELIVERY

Main unit	1 pc
Radial probe (0501-PR)	1 pc
Battery (AA)	3 pcs

DC POWER SUPPLY (BASIC TYPE)

\$ 173.00

- Work condition: temperature 32~104°F, humidity ≤80%RH
- Storage condition: temperature -4~140°F, humidity ≤80%RH
- Four-digit LED display
- Output power display
- Output switch control
- Panel locking function to prevent misoperation
- USB interface for power supply
- OVP/OC protection
- 3 shortcut keys for presetting



SPECIFICATION

Voltage	range	30V
	setting resolution	10mV
	setting accuracy	≤.1%+20mV
	readback resolution	10mV
	readback accuracy	≤.1%+20mV
	load regulation	≤.1%+5mV
	line regulation	≤.01%+5mV
Current	ripple	10mVrms
	range	5A
	setting resolution	1mA
	setting accuracy	≤.2%+6mA
	readback resolution	1mA
	readback accuracy	≤.2%+6mA
	load regulation	≤.2%+3mA
OVP	OC protection	0~5.5A
	Power supply	AC 110V±10%, 50Hz/60Hz

Part No.	List price
9911-PS305-U	\$ 173.00

STANDARD DELIVERY

Main unit	1 pc
Test lead	2 pcs

INFRARED AND PENETRATION THERMOMETER

IP65 WATERPROOF

\$ 117.00

- Can measure the surface and inside temperature of objects
- Low battery display
- Display backlight
- High and low alarm
- Automatic data hold (infrared system)
- Automatic power off (infrared system)
- Unit: °F/°C



STANDARD DELIVERY

Main unit	1 pc	Part No.	List price
Battery (AAA)	2 pcs	0321-IT42	\$ 117.00

SPECIFICATION

Infrared system	temperature range	5°F~536°F/-15°C~280°C
	temperature resolution	.1°F/.1°C
	temperature accuracy	±5.4°F (at 5°F~68°F), other range ±(1%+1.8)°F ±3.0°C (at -15°C~20°C), other range ±(1%+1.0)°C
	distance to spot size (D:S)	4:1
	emissivity	0.95 (fixed)
Penetration system	spectral response	8~14μm
	temperature range	-40°F~392°F/-40°C~200°C
	temperature resolution	0.1°F/0.1°C
	temperature accuracy	±3.6°F (at -40°F~32°F), other range ±(1%+1.8)°F ±2.0°C (at -40°C~0°C), other range ±(1%+1.0)°C
	Repeatability	<1.8°F
Measurement response time		<500ms
Power supply		2×1.5V AAA batteries
Dimension		5.51×1.54×.94"
Weight		.31lb



PRECISION MEASUREMENT

THERMOHYGROMETER

- Real-time value/maximum/minimum display
- Unit: °F/°C
- Display backlight
- Automatic power off
- Low battery display
- Over range indicator
- Built-in bluetooth, mobile APP is included

\$ 77.90

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	3 pcs

SPECIFICATION

Temperature range	14°F~140°F/-10°C~60°C
Temperature resolution	.2°F/1°C
Temperature accuracy	±2.0°F/±1.0°C
Humidity range	0%RH~99.9%RH
Humidity resolution	.1%RH
Humidity accuracy	±5.0%RH
Sampling interval	1s
Power supply	3×AAA batteries, working time≥12h
Operation environment	temperature: 32°F~104°F humidity: <90%RH (non-condensing)
Storage environment	temperature: -4°F~140°F humidity: <75%RH (non-condensing)
Dimension	5.39×2.16×1.10"
Weight	.22lb



Part No.	List price
0315-HT164	\$ 77.90

Optional Accessory	
Tripod	0701-TR175

BUILT-IN
BLUETOOTH

PORTABLE CRANE SCALE

ATTENTION:
LOW ACCURACY**\$ 68.10**

- Zero-setting, subtracting tare value
- Automatic power off
- LCD display, with backlight
- Unit: kg
- Overload indication



SPECIFICATION

Part No.	8604-40
List price	\$ 68.10
Maximum weighing	40kg
Minimum weighing	1kg
Resolution (d)	50g
Accuracy	±50g
Operation temperature	14~113°F
Operation humidity	30%~90%RH
Limited load	50kg
Power supply	2×AAA batteries

built-in measuring tape
(included)MOTORIZED DIGITAL ROCKWELL/SUPERFICIAL
ROCKWELL HARDNESS TESTERSFORCE LOADING BY ELECTRIC
MOTOR (WITHOUT WEIGHTS)TOUCH
SCREENINSPECTION
CERTIFICATE**\$ 6078.00**

- Electronic loading test force, high accuracy of force value, and stable measurement value
- Touch screen operation and display, simple operation interface
- 15 types of Rockwell hardness scales can be tested
- Convertible to various hardness standards such as HB and HV
- 500 sets of storage
- With correction function, the hardness value can be corrected based on the size of the cylinders
- According to ISO 6508

SPECIFICATION

Part No.	HDT-RT151
List price	\$ 6078.00
Type	Rockwell
Measurement range	20~88HRA, 20~100HRB, 20~70HRC
Hardness scale	with indenter included HRA, HRB, HRC, HRD, HRF, HRG with optional indenter HRE, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Preliminary test force	98N/10kgf for Rockwell
Test force	588N (60kg), 980N (100kg), 1471N (150kg)
Stage elevation	manual
Load control	automatic (load/dwell/unload)
Load dwell time	2~60 second
Resolution	0.1HR
Max. workpiece height	9.06"
Max. testing width	6.69"
Power supply	100~240V, 50/60Hz
Dimension	18.70×7.87×27.56"
Weight	154lb

PORTABLE LEEB HARDNESS TESTER
WITH WIRELESS PROBEINSPECTION
CERTIFICATE**\$ 1143.00**

- Bluetooth digital probe
- Universal testing angle, no need to set impact direction
- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC, HRB), Shore (HSD) and tensile strength (σb)
- Dual value display, shows both Leeb and converted hardness
- Large LCD display with backlight
- Can choose large font display and statistics display
- Automatically calculate maximum, minimum and average value
- Save 300 data
- Operation temperature: 14°F~113°F
- According to ASTM A956, DIN 50156 GB/T 17394



Part No.	List price
HDT-WP201	\$ 1143.00

SPECIFICATION

Resolution	1HLD/1HV/1HB/0.1HRC/0.1HRB/0.1HSD/1σb
Accuracy	±6HLD (when HLD=800)
Measuring range	HL 170-960/HRC 17-69/HRB 13-101.7/HB 20-655/HV 80-940/ HSD 32-99.5/σb (rm) 255-2180N/mm²
Power supply	2×AA batteries
Dimension	5.31×3.03×1.26"
Weight	.53lb



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