

FALL 2024

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Battery CR2032 1195-150

 Automatic power off, move the digital unit to turn on power Data output

Made of stainless steel Optional accessory:

data output cable (part no. **7315-80** receiver is needed, 7302-80)

Part No.	Range	Accuracy	Remark	List price
1195-150	0-6"/0-150mm	±.0010"	with depth bar	\$ 237.00
1195-200	0-8"/0-200mm	±.0015"	with depth bar	\$ 375.00
1195-300	0-12"/0-300mm	±.0015"	without depth bar	\$ 467.00



- 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: data output cable (part no. **7302-40M**), wireless data transmission

(transmitter part no. 7315-51 receiver is needed)

16-18" .00005"/0.001mm ±.00015" ±.00010"

Measuring head Range Reso

fix	
	spring loaded point, range: 197" range: 0-2"

make it easy to find the right measuring position

setting standard (included),	
used to set the measuring hear	d

4				
1	91	-	- 10	0

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")	\$ 5794.00
3522-1500	16-60"	9.9lb	50 (1.9685"), 100 (3.9370"), 200 (7.8740"), 300 (11.8110"), 600 (23.6220")	\$ 6466.00
3522-2000	16-80"	11.7lb	50 (1.9685"), 100 (3.9370"), 200 (7.8740"), 300 (11.8110"), 600 (23.6220", 2 pcs)	\$ 7122.00

DIGITAL RADIUS GAUGE 1108.00 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) data output cable (part no. 7315-2183 receiver is needed, 7302-2183) 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*	\$ 1108.00

*R is the radius to be measured. For example, radius is 4", the accuracy is ±.005x4=±.02"

DIGITAL CALIPERS

INSPECTION CERTIFICATE

- 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

ATTENTION: NO DATA OUTPUT **Starting At** 1114-150A

Part No.	Range	Accuracy	List price
1114-150A	0-6"/0-150mm	±.0015"	\$ 99.70
1114-200A	0-8"/0-200mm	±.0015"	\$ 136.00
1114-300A	0-12"/0-300mm	±.0015"	\$ 205.00

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

NON-ROTATING SPINDLE

alarm when over tolerance

.008304

0.02307

over upper limit

over lower limit

ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF



FOR 24 HOURS CONTINUOUS WORKING



Starting At



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 spindle and anvil
- 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

With data interface

Optional accessory: wireless transmitter, part no. **7315-3350** receiver is needed data output cable (keyboard format), part no. 7302-3350

Part No.	Range	Accuracy	Repeatability	Meası	ıring faces	List price
Fait No.	ivarige	Accuracy	repeatability	Flatness	Parallelism	List price
3358-25	0-1"/0-25mm	±.00010"	.00005"	.00002"	.00005"	\$ 450.00
3358-50	1-2"/25-50mm	±.00010"	.00005"	.00002"	.00005"	\$ 522.00

Built-in wireless

Optional accessory

wireless receiver (keyboard format, connect up to 15 digital indicators), part no. 2134-R1 wireless receiver (serial port format, connect up to 15 digital indicators), part no. 2134-R2

Part No.	Range Accuracy		Repeatability	Meası	ıring faces	List price
Part No.	Kange	Accuracy Repeatability		Flatness	Parallelism	List price
3358-25WL	0-1"/0-25mm	±.00010"	.00005"	.00002"	.00005"	\$ 503.00
3358-50WL	1-2"/25-50mm	±.00010"	.00005"	.00002"	.00005"	\$ 575.00

DIGITAL RADIUS GAUGES

- 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, data output cable (part no. 7315-50M receiver is needed, 7302-40M)



2188-55





FLATNESS MEASUREMENT STAND







Optional accessory: data output cable (part no. 7315-50M receiver is needed, 7302-40M, 7305-40M)



Part No.	Digital indicator resolution	Flatness measurement accuracy	Flatness of granite plate	List price
6852-150	.00005"/0.001mm	79μin	79µin	\$ 1225.00

WIRELESS DIGITAL MEASURING TAPES + LASER DISTANCE METERS



- 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		\$ 134.00	\$ 146.00	
Output		bluetooth (data can be transm	nitted to APP)	
range		16ft		
Digital	resolution	.001ft, 1/16"		
measuring	accuracy	±1/16"		
tape	blade width	3/4"		
	horizontal stand-out	5.9ft		
	range	131ft	196ft	
	resolution	.001ft, 1/16"		
Laser distance	accuracy	±(.12+D/1666)", D: measured distance, unit: ft		
meter	units	ft, in, ft+in, m		
	laser type	630~670nm, <1mW, class 2		
	measurement function	single, continuous, area, volume, pythagoras measurement		
Operation to	emperature	32~104°F		
Storage tem	perature	14~140°F		
Power supp	ly	built-in rechargeable lithium b	attery	
Dimension ((L×W×H)	3.7×2.9×2.2"		
Weight		.69lb		

9563-C40

BLUETOOTH DIGITAL LEVEL AND SLOPE METER

DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP

BACKI IGHT



- 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



66.80

List price Resolution at 0° and 90° +0 1° 0.1° (=.021in/ft)

CUTTING TOOLS MICROSCOPE

TAKE PICTURES 8533.00 DESIGN 21.5" display (included) universal illumination upper illumination side illumination clamping device

SPECIFICATION	
Part No.	ISM-CT820
List price	\$ 8533.00
Cutting tools range	.16~.47" DIA, length 1.18"-2.95"
Lens	step-zoom lens
Output	HDMI
Resolution	1920×1080
Frame rate	60fps
Focus distance	3.35"
View field	.08×.13~.52×.94"
Magnification	20-132X
Power supply	AC 100-240V
Dimension (L×W×H)	17.72×11.81×27.56"
Weight	44.09lb

nation

- Split screen design, zoom in and out independently
- One mouse can operate two cameras Display cross hairs
- Brightness, contrast ratio, white balance are adjustable
- Basic measuring tools including point to point, point to line, line to line, angle, three-point circle, etc.

STANDARD DELIVERY

Main unit	1 pc
Display	1 pc
32G USB flash disk	1 pc
Mouse	1 pc
HDMI cable	1 pc
Glass calibration plate	1 pc
Anti-dust cover	1 pc

DUAL AXIS DIGITAL LEVEL AND GYRO ANGLE METER

DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP

AUDIBLE ALARM
WHEN OUT OF LIMIT

ATTENTION: HARD PLASTIC CASE



- 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 iterference)

2199-1

Part No.	List price	Range	Resolution	Accuracy
2199-1	\$ 249.00	single axis level: 4×90° dual axis level: ±40°	0.01°	at 0° and 20°: ±0.08° at 20° and 70°: ±0.15° at 70° and 90°: ±0.08°
		gyro angle meter: 360°	0.1°	±0.5°

MEASURING MAGNIFIERS

(WITH ILLUMINATION)

- Base with scale ■ With 5 white LED and 5 UV LED

Charging port: Type-C Work for 1.5h after fully charged

Starting At

Part No.	List price	Magnification	Lens diameter (D)
7527-D1	\$ 35.80	10X	1.181" DIA
7527-D2	\$ 41.60	10X	1.181" DIA
7527-D1B	\$ 42.90	10X	1.181" DIA



7527-D1



4K CARBON FIBER TELESCOPIC POLE VIDEOSCOPE



SPECIFICATION	
List price	\$ 4896.00
Display	7" Color Touch LCD (3840×2160)
Function	take photos and videos
Image process	image mirror or flipping, real-time image magnification (1X, 2X, 3X, 4X)
Lens diameter (D)	1.575" DIA
llumination	infrared and white light LED, manual 5-level brightness adjustment
Wireless transmission	WIFI real-time image transmission
Pole	carbon fiber, can be fixed between 3.28~16.40FT
Power supply	rechargeable battery (18650 lithium battery), power adapter (for continuous working)
Weight	4.41b

INSPECTION

HANDHELD LCR METER PART NO. 9652-RC02

- Automatic measure inductance (L), capacitance (C), resistance (R), impedance (Z), quality factor (Q), dissipation factor (D), phase (θ) and DC resistance (DCR)
 Internal trigger
- Data hold
- Full range open and short compensation
- Equivalent circuit: series and parallel
- Compare main parameter with nominal value and display percent deviation
- Built in USB-C interface for data transmission and charging
- Language: English, Chinese
- LCD touch screen with adjustable backlight
- Automatic power off

SPECIFICATION

List price Measuring parameters C-D, C-Q, C-R, L-D, L-Q, L-R, L-Rdc, R-Q, R-X, R-Rdc, Rdc, Z-D, Z-Q, Z-0r, Z-0d

Range	8 levels, auto range or hold range	
Basic accuracy	.2%	
Test frequency	50Hz, 60Hz, 100Hz, 120Hz, 200Hz, 400Hz, 500Hz, 1kHz, 2kHz, 4kHz, 5kHz, 10kHz, 20kHz, 40kHz, 50kHz, 100kHz; accuracy .02%	
Signal level	.1V, .3V, .7V, 1V; accuracy: 10%	
Test speed	slow 2.5 times/sec, fast 10 times/sec	
Interface	USB-C interface: support HID and VCOM communication, compatible with SCPI command	
Power supply	rochargoable Li ion battory	

899.00

STANDARD	DELIVERY

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Main unit	1 pc		
Kelvin clip lead	1 pc		
SMD tweezers lead	1 pc		
Short-circuit plate 1 pc			

DC TESLAMETERS

- 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

SPECIFICATION			
Part No.	0501-MA01	0501-MA05	
List price	\$ 592.00	\$ 246.00	
Range	2000mT		
Resolution	.01mT (0~200mT) .1mT (200~2000mT)		
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		



IANDARD DELIVERY		
Main unit	1 pc	
Radial probe	1 pc	
Battery (AA)	3 ncs	

DC POWER SUPPLY

- 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
- 10mV/1mA high accuracy and resolution Panel locking function to prevent misoperation
- USB interface for power supply OVP/OCP protection
- 3 shortcut keys for presetting

SPECIFICATION

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Voltage	range	30V
	setting resolution	10mV
	setting accuracy	≤.1%+20mV
	readback resolution	10mV
voitage	readback accuracy	≤.1%+20mV
	load regulation	≤.1%+5mV
	line regulation	≤.01%+5mV
	ripple	10mVrms
	range	5A
	setting resolution	1mA
	setting accuracy	≤.2%+6mA
Current	readback resolution	1mA
Current	readback accuracy	≤.2%+6mA
	load regulation	≤.2%+3mA
	line regulation	≤.2%+3mA
	ripple	8mArms
OVP		0~33V
OCP		0~5.5A
Power supply		AC 110V±10%, 50Hz/60Hz





Part No.	List price
9911-PS305-U	\$ 152.00

STANDARD DELIVERY		
Main unit	1 pc	
Test lead	2 pcs	

HANDHELD DC OHMMETER

- Maximum reading: 20000Basic accuracy .05%
- 3.5 inch LCD screen with adjustable backlight
- Temperature compensation function
- Full-range short-circuit zero function Comparator function: upper and lower limit alarms
- Data hold
- ard lock function

	. to j boar a room r	
•	Automatic power	er off

Part No.	List price
9650-HA20	\$ 2024.00

STANDARD DELIVERY

Main unit	1 pc
Power adapter	1 pc
Mini USB communication cable	1 pc
Test clip	1 pc



2024.00

SPECIFICATION

SPECIFICATION			
Range	20mΩ~20MΩ		
Resolution	.01mΩ~.01MΩ		
Range mode auto range, manual range and nominal range			
Test speed slow: 3t/s, medium speed: 15t/s, fast: 30t/s			
Trigger internal trigger, manual trigger, remote trigger			
Interface Mini USB interface, compatible with SCPI command			
Power supply rechargeable lithium battery (operating time≥8 hours), power adapter-powered			

MINI LASER DISTANCE METER



- Accuracy: ±(.12+D/1666)", D: measured distance, unit: ft
- Laser type: red laser, 24.80~26.38µin, 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	\$ 122.00
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

1 pc 1 pc

INFRARED AND PENETRATION THERMOMETER

 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	
Battery (AAA)	2 pcs	



SPECIFICATION

BPECIFICATION		
	temperature range	5°F~536°F/-15°C~280°C
	temperature resolution	.1°F/.1°C
Infrared	temperature accuracy	±5.4°F (at 5°F~68°F), other range ±(1%+1.8)°F
system		±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)
	spectral response	8~14µm
	temperature range	-40°F~392°F/-40°C~200°C
Penetration	temperature resolution	0.1°F/0.1°C
system	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

MOTORIZED DIGITAL ROCKWELL HARDNESS TESTER

FORCE LOADING BY ELECTRIC MOTOR (WITHOUT WEIGHTS)





- 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		\$ 5334.00
Туре		Rockwell
Measurement range		20~88HRA, 20~100HRB, 20~70HRC
Hardness	with indenter included	HRA, HRB, HRC, HRD, HRF, HRG
scale	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 sup	ply	100~240V, 50/60Hz
Dimension		18.70×7.87×27.56"
Weight		154lb



5334.00

THERMOHYGROMETER

- Real-time value/maximum/minimum display Unit: °F/°C
- Display backlight Automatic power off

IP65

- Low battery display Over range indicato Over rang

STANDARD DELIVERY

Ruilt in bluotooth		1 pc
mobile APP is included	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	
Operation environment	humidity: <90%RH (non-condensing)	
Storage environment	temperature: -4°F~140°F	
Storage environment	humidity: <75%RH (non-condensing)	
Dimension	5.39×2.16×1.10"	
Weight	.22lb	



\$68.40

Part No.	List price
0315-HT164	\$ 68.40

ATTENTION:

PORTABLE CRANE SCALE

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

59.80

SPECIFICATION		
Part No.	8604-4	
List price	\$ 59.80	
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	





1003.

PORTABLE LEEB HARDNESS TESTER WITH WIRELESS PROBE

INSPECTION

- 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 (ob)
 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	\$ 1003.00



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 battery
	Dimension	5.31×3.03×1.26"
	Weight	.53lb



INSIZE USA

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