

## IP67 WATERPROOF DIGITAL CALIPERS

**INSIZE PLUS**  
MADE IN EUROPE

DATA OUTPUT

IP67 WATERPROOF

INSPECTION CERTIFICATE

Starting At  
**\$ 243.00**

- 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 0-150mm and 0-200mm), 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	\$ 243.00
1195-200	0-8"/0-200mm	±.0015"	with depth bar	\$ 384.00
1195-300	0-12"/0-300mm	±.0015"	without depth bar	\$ 525.00

## DIGITAL CALIPERS

ATTENTION: NO DATA OUTPUT

Starting At  
**\$ 99.70**

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



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

## CARBON FIBER BORE GAUGES

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

SPRING LOADED MEASURING POINT

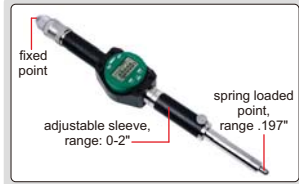
DATA OUTPUT

Starting At  
**\$ 5794.00**



3522-1500

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



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

- 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)

### 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")	\$ 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

DATA OUTPUT

Starting At  
**\$ 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**), wireless transmitter part no. **7315-2183** (receiver is needed)



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 ±.0051×4=±.02"

## DIGITAL RADIUS GAUGES

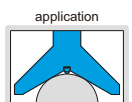
Starting At  
**\$ 472.00**

- 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)



2188-55

Part No.	Range (radius)	Resolution	Accuracy	List price
2188-55	.16-2.09"/4-53mm	.0005"/0.01mm	±.001"	\$ 472.00
2188-143	1.89-5.63"/48-143mm	.0005"/0.01mm	±.0015"	\$ 616.00
2188-233	5.43-9.17"/138-233mm	.0005"/0.01mm	±.0015"	\$ 707.00
2188-323	8.98-12.72"/228-323mm	.0005"/0.01mm	±.002"	\$ 839.00



application

### FLATNESS MEASUREMENT STAND

GRANITE PLATE CAN BE CUSTOMIZED ACCORDING TO WORKPIECES DATA OUTPUT

**\$ 1225.00**



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	\$ 1225.00

### WIRELESS DIGITAL MEASURING TAPES + LASER DISTANCE METERS

Starting At **\$ 134.00**



- 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 transmitted to APP)	
Digital measuring tape	range	16ft
	resolution	.001ft, 1/16"
	accuracy	±1/16"
	blade width	3/4"
	horizontal stand-out	5.9ft
Laser distance meter	range	131ft
	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)	3.7×2.9×2.2"	
Weight	.69lb	

### BLUETOOTH DIGITAL LEVEL AND SLOPE METER

MAGNETIC BOTTOM DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP BACKLIGHT

WORKING TEMPERATURE 23°F ~ 122°F ABSOLUTE LEVEL

**\$ 68.70**



2198-2

- 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

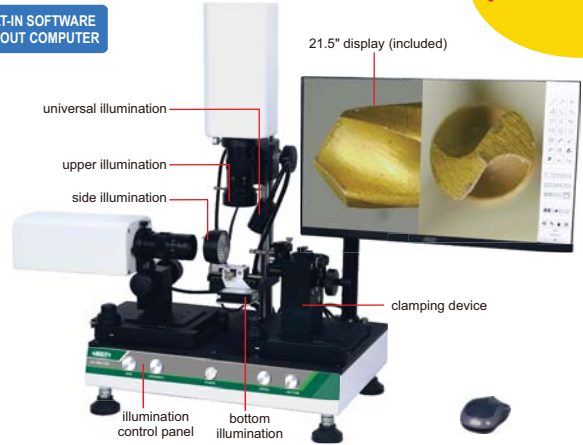
Part No.	List price	Range	Resolution	Accuracy
2198-2	\$ 68.70	4×90°	0.1° (= .021in/ft)	at 0° and 90°: ±0.1°; others: ±0.2°

### CUTTING TOOLS MICROSCOPE

SPLIT SCREEN DESIGN TAKE PICTURES AND VIDEOS

BUILT-IN SOFTWARE WITHOUT COMPUTER

**\$ 8533.00**



#### 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

- 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 cutting 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

DATA OUTPUT DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP BACKLIGHT

AUDIBLE ALARM WHEN OUT OF LIMIT ATTENTION: HARD PLASTIC CASE

**\$ 249.00**

- 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)



2199-1

Part No.	List price	Range	Resolution	Accuracy
2199-1	\$ 249.00	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°		at 70° and 90°: ±0.08°
			0.1°	±0.5°

### MEASURING MAGNIFIERS (WITH ILLUMINATION)

Starting At **\$ 35.80**

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

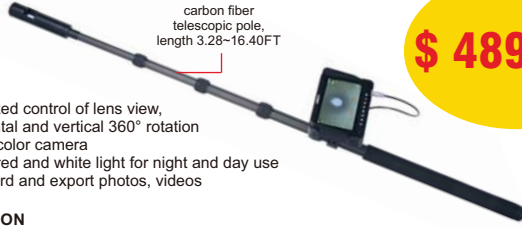


7527-D1

Part No.	List price	Magnification	Lens diameter (D)
7527-D1	\$ 35.80	10X	1.181" DIA
7527-D2	\$ 42.80	10X	1.181" DIA
7527-D1B	\$ 42.90	10X	1.181" DIA

**4K CARBON FIBER TELESCOPIC POLE VIDEOSCOPE  
 PART NO. ISV-CF5**

**IP65  
 WATERPROOF**



**\$ 4896.00**

- Dual motorized control of lens view, 300° horizontal and vertical 360° rotation
- 4K HD true color camera
- Built-in infrared and white light for night and day use
- Insert SD card and export photos, videos

**SPECIFICATION**

List price	<b>\$ 4896.00</b>
Display	7" Color Touch LCD (3840x2160)
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
Illumination	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	4.41lb

**HANDHELD LCR METER  
 PART NO. 9652-RC02**

**INSPECTION  
 CERTIFICATE**

**DATA  
 OUTPUT**



**\$ 899.00**

- 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	<b>\$ 899.00</b>
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-R, Z-Rd
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	rechargeable Li-ion battery

**STANDARD DELIVERY**

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

**Starting At  
 \$ 246.00**

**DATA  
 OUTPUT**



0501-MA01

**SPECIFICATION**

Part No.	0501-MA01	0501-MA05
List price	<b>\$ 592.00</b>	<b>\$ 246.00</b>
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	3x1.5V AA batteries or USB	
Dimension (LxWxH)	6.50x3.54x1.57"	
Weight	.77lb	

**STANDARD DELIVERY**

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

**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

**\$ 152.00**



**SPECIFICATION**

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

Part No.	9911-PS305-U	List price	<b>\$ 152.00</b>
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**STANDARD DELIVERY**

Main unit	1 pc
Test lead	2 pcs

**HANDHELD DC OHMMETER**

- Maximum reading: 20000
- Basic 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
- Keyboard lock function
- Automatic power off

**\$ 2024.00**



test clip (included)

Part No.	9650-HA20	List price	<b>\$ 2024.00</b>
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**STANDARD DELIVERY**

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

**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**

**BUILT-IN  
 BLUETOOTH**

**\$ 122.00**

- Accuracy: ±(.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



laser emitting lens  
 laser receiving lens

**SPECIFICATION**

Part No.	9565-E40
List price	<b>\$ 122.00</b>
Measuring range	.65~131ft
Resolution	.001ft, 1/16", .001m
Charging interface	USB (type-C)
Dimension	7.09x1.10x1.57"
Weight	.12lb

**STANDARD DELIVERY**

Main unit	1 pc
USB charging cable	1 pc

### INFRARED AND PENETRATION THERMOMETER

**IP65 WATERPROOF**

- 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



**\$ 103.00**

**STANDARD DELIVERY**

Main unit	1 pc	Part No.	List price
Battery (AAA)	2 pcs	0321-IT42	\$ 103.00

**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	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	

### MOTORIZED DIGITAL ROCKWELL HARDNESS TESTER

**FORCE LOADING BY ELECTRIC MOTOR (WITHOUT WEIGHTS)**

**TOUCH SCREEN**

**BUILT-IN BLUETOOTH**

**INSPECTION CERTIFICATE**

- 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

**\$ 5334.00**



**SPECIFICATION**

Part No.	HDT-RT151	
List price	\$ 5334.00	
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	

### 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

**STANDARD DELIVERY**

Main unit	1 pc
Battery (AAA)	3 pcs

**\$ 68.40**

**BUILT-IN BLUETOOTH**



**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	\$ 68.40

### PORTABLE CRANE SCALE

**ATTENTION: LOW ACCURACY**

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

**\$ 59.80**



**SPECIFICATION**

Part No.	8604-40
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



### PORTABLE LEEB HARDNESS TESTER WITH WIRELESS PROBE

**\$ 1003.00**

**INSPECTION CERTIFICATE**

- 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	\$ 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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