

KEY PRODUCTS

MARCH 11, 2026

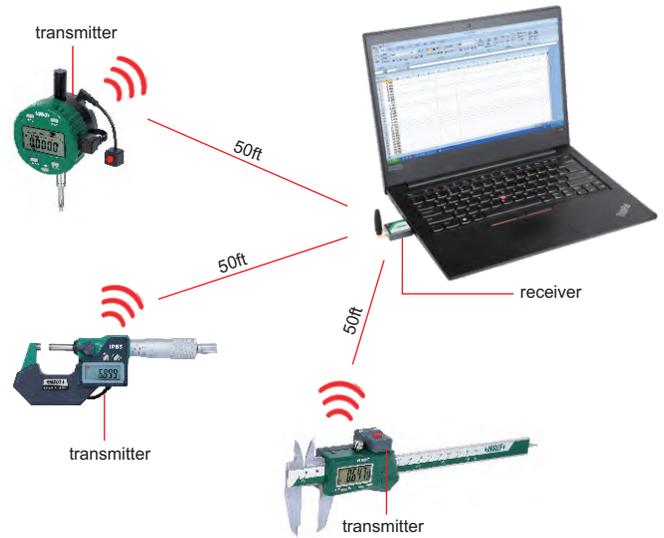


COMPLETE METALWORKING SOLUTIONS

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WIRELESS DATA TRANSMISSION SYSTEM

- Through wireless transmission, the readings of measuring tools can be transmitted to computers or mobile phones
- Conform to IEEE802 wireless standard 2.4GHz band communication frequency
- Transmission distance is 50ft (under the condition of no obstruction and no electromagnetic interference)



Transmitter

Part No.	Description	Transmitter
7315-25	transmitter for digital calipers	
7315-22	transmitter for large digital calipers	
7315-31	transmitter for digital micrometers	
7315-50M	transmitter for digital indicators	
7315-51	transmitter for digital indicators	
7315-51B	transmitter for bore gauges	

Receiver (keyboard signal)

Part No.	Product	Description	Remark
7315-3		single channel receiver	connected with 1 transmitter only
7315-6		multichannel receiver	connected with 6 transmitters, each channel has status indicator
7315-7			
7315-8			
7315-9			

Receiver (text format, virtual com port)

Part No.	Product	Description	Remark
7315-2		multichannel receiver	connected with maximum 16 transmitters, each of them has unique identification code

DIGITAL INSIDE GROOVE CALIPER

DATA OUTPUT



- Non waterproof
- Measure diameter of grooves inside bores
- Resolution: .0005"/0.01mm
- Buttons: on/off, set, inch/mm, preset (+, -)
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (part no. 6143)

With data interface (optional wireless transmitter part no. 7315-25, receiver is needed)

Part No.	Range of upper jaw	Range of lower jaw	Accuracy
1176-150	.35-6"/9-150mm	.70-6"/17-150mm	±.0015"

DIGITAL DEPTH GAUGE WITH ROUND DEPTH BAR

MEASURE DEPTH OF SMALL HOLES (>.157" DIA) DATA OUTPUT

MEASURE WIDTH AND DEPTH OF GROOVES INSIDE BORE



- Non waterproof
- Resolution: .0005"/0.01mm
- Supplied with three interchangeable points (flat, spherical, disk)
- Buttons: on/off, set, inch/mm, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: extension base (part no. 6141)

With data interface (optional wireless transmitter part no. 7315-25, receiver is needed)

Part No.	Range *	Accuracy	Remark
1148-200E	0-8"/0-200mm	±.0015"	with mounting holes for extension base

*When disk points are used, the range is reduced by 10mm

MINI DIGITAL DEPTH GAUGE WITH ROUND BAR

DATA OUTPUT



- Non waterproof
- Measure depth of small groove and hole
- Resolution: .0005"/0.01mm
- Buttons: on/off, set, inch/mm, preset (+,-)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

With data interface (optional wireless transmitter part no. 7315-25, receiver is needed)

Part No.	Range	Accuracy
1140-25	0-1"/0-25mm	±.0010"

DIGITAL HEIGHT GAUGE

DATA OUTPUT



- Resolution: .0005"/0.01mm
- Granite base flatness: 98µin
- Vertical travel of holder: 6.7"
- Battery CR2032, data output
- Button function: on/off, inch/mm, zero, data preset, change measuring direction, absolute/incremental measurement
- Supplied with dust cover
- Optional accessory: wireless transmitter part no. 7315-51 (receiver is needed), contact points

Part No.	Digital indicator stroke	Accuracy	Maximum measuring force
1159-10E	.5"/12.7mm	±.0015"	.337lbf

DIGITAL MICROMETER/SNAP GAUGE (BASIC TYPE)



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

ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

MEASUREMENT ACCURACY IS NOT AFFECTED BY THE USE OF SLEEVE

DATA OUTPUT NON-ROTATING SPINDLE



- Absolute encoder, the original data remains after power off
- Resolution: .00005"/0.001mm
- Repeatability: .00005"
- 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
- Power: rechargeable battery, for 24 hours continuous working

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

Part No.	Range	Accuracy	Measuring faces	
			flatness	parallelism
3358-25	0-1"/0-25mm	±.00010"	.00002"	.00005"

PISTOL GRIP THREE POINTS BORE GAUGES



digital indicator is optional

2124-E08

- Accuracy (without digital indicator): .00015"
- Optional accessory: digital indicators (part no. 2103-10FE, resolution .00005"/0.001mm), setting rings (part no. 6313)

Part No.	Range	Setting ring (included)	Extension rod (included)
2124-E0425	.35-.425"	.35" DIA	4"
2124-E05	.425-.5"	.5" DIA	4"
2124-E065	.5-.65"	.65" DIA	6"
2124-E08	.65-.8"	.65" DIA	6"

BUILT-IN BLUETOOTH HIGH PRECISION DIGITAL INDICATORS

HIGH PRECISION BUILT-IN BLUETOOTH



2510-101F

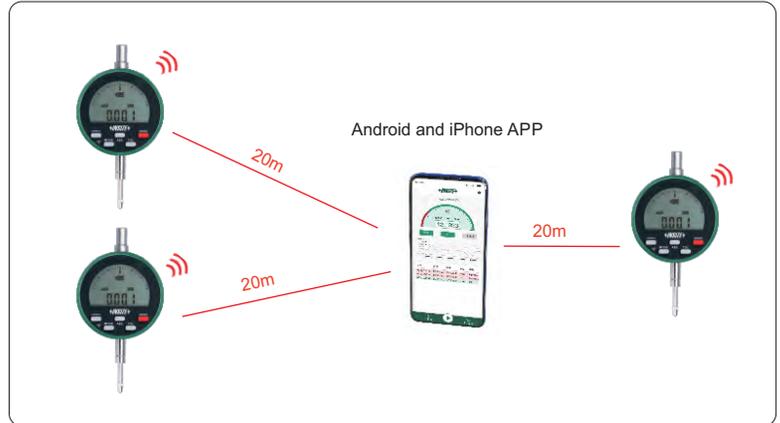
- Maximum measuring force: 1.5N
- Cap: cannot lift
- Remark: flat back
- Reading in digital and analog
- Button function: on/off, zero, data preset, tolerance Go and No-Go display, inch/metric conversion, measuring direction change, max./min./TIR measurement, absolute/incremental measurement, bluetooth on/off
- Automatic power off (time is adjustable)
- Keep preset data and tolerance data in memory after restart
- Data output:
real-time data output with USB cable (Virtual Com Port)
bluetooth data output (data can be transmitted to Android and iPhone APP, transmission distance is 20m)
- Android and iPhone APP, USB type-C cable are included
- USB type-C port
- Power: rechargeable Li-battery
- Optional accessory: contact points

Android and iPhone APP (included)

can connect up to 7pcs indicators simultaneously (real time data display)

transmission interface for single digital indicator

application



Metric/Inch

Part No.	Range	Resolution	Accuracy	Hysteresis
2510-10F	12.7mm/0.5"	0.01mm/0.0005"	10µm	10µm
2510-101F	12.7mm/0.5"	0.001mm/0.00005"	3µm	2µm

DIAL INDICATOR STAND



- Applicable holding stem: 3/8" DIA
- Vertical travel of holder: 6"
- Ceramic anvil
- Supplied with dust cover

Part No.	Anvil	Remark
6876-150E	ceramic, plain, flatness 59µin	without fine adjustment

METRIC STEEL PIN GAUGE SETS



4166-10

- Meet DIN2269, grade 1
- Made of alloy steel
- Hardness HRC62-65
- Diameter accuracy: $\pm 1\mu\text{m}$

Metric

Part No.	Diameter \varnothing d (mm)	Step	Pin gauges per set
4166-1	0.50, 0.51, 0.52, ..., 1.00	0.01mm	51
4166-10	9.50, 9.51, 9.52, ..., 10.00	0.01mm	51

DIGITAL PROTRACTOR

DATA OUTPUT

ABSOLUTE ZERO



- Absolute zero, zero setting is not needed when batteries are replaced
- Button function: choose 0-90°, 0-180° or 0-360° display, change resolution, display flips over, data hold, zero, on/off supplementary angle measurement
- Battery CR2032, automatic power off, data output
- Made of stainless steel
- Optional square for zero setting
- Optional accessory: clamp (part no. 2372-CLAMP), suitable for height gauges 1156, 1150-300, 1351, 1250 and 1151, wireless transmitter part no. 7315-2771 (receiver is needed)

Part No.	Range	Resolution	Accuracy
2771-360	0-360°	1'/0.01°	$\pm 5'$

90° FLAT EDGE SQUARES



4791-1502

- Made of stainless steel

Low accuracy, not hardened

Part No.	Size (L×W)	Squareness	
		inside (α)	outside (β)
4791-502	2.0×1.6"	.00095"	.00098"
4791-1502	5.9×3.9"	.00130"	.00138"

**ROUGHNESS TESTER
(SEPARABLE TYPE)
PART NO. ISR-C300**



CAN BE OPERATED BY COMPUTERS OR MOBILE PHONES

TOUCH SCREEN

DATA OUTPUT

BLUETOOTH

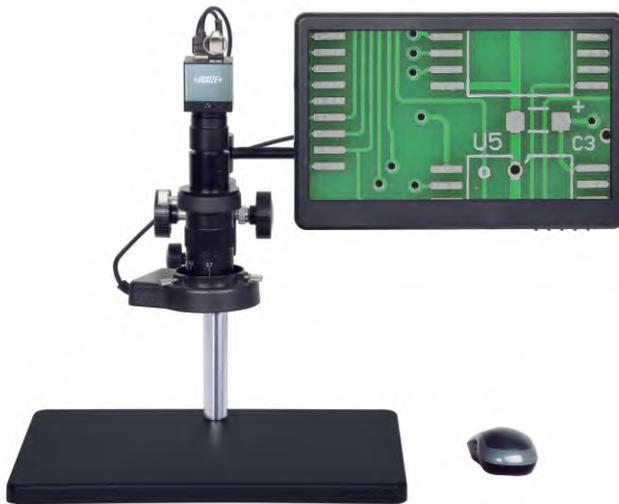
- Roughness tester can be operated by mobile phones or computers
- Optional wireless or Bluetooth receivers can be used to output keyboard signals, connecting to a computer to send data to Excel
- Support bluetooth printer
- 36 roughness parameters
- Meet ISO, DIN, ANSI, JIS standards
- Display roughness values, profile and curve
- Memory of maximum 100 data and waveform
- Built-in lithium battery, working time more than 50 hours
- Touch screen
- Automatic power off

SPECIFICATION

Measuring force	.01ozf
Stylus radius/angle	196µin/90°
Parameters	Ra, Rz, Rq, Rv, Rp, Rs, R3z, R3y, Rt, Rc, Rz(JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry, Rmax, R5p, R5v, R10z, Rpt, Rvt, Ry5, tp1, tp2, Rmrc1, Rmrc2, Rpkx, Rvkx, Ramax, Rzmax
Probe type	inductive
Stylus material	diamond
Range	X axis .689" Z axis 15748µin (-7874µin~7874µin)
Accuracy	±10%
Resolution (Ra)	.01µin
Measuring unit	µm/µin
Cut off	.01/.03/.1"
Number of cut-offs	1-5
Moving speed	.005"/s, .02"/s, .04"/s
Memory	100 measurement results
Output	USB and bluetooth*
Power supply	built-in rechargeable battery
Dimension (L×W×H)	6.22×2.52×2.05"
Net weight	.89lb

*Bluetooth optional receiver needed: part no. **ISR-C300-RECEIVER**

**DIGITAL MEASURING MICROSCOPE
(BASIC TYPE)
PART NO. 5318-MD60**



BUILT-IN SOFTWARE WITHOUT COMPUTER

MEASUREMENT

TAKE PICTURES

- 1080P high-definition image
- Built-in software without computer, operated by mouse
- Take pictures, save to USB flash disk
- Measurement results can be sent to Excel
- Brightness, contrast ratio, gain are adjustable

SPECIFICATION

Magnification	12.5X-80X
Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Measuring accuracy	±.001"
Lines	cross lines, scale lines (number, color and position of lines are adjustable)
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	14.96×10.24×13.78"
Net weight	9.92lb

MEASURING MAGNIFIER (WITH ILLUMINATION)



- Base with scale
- With 5 white LED and 5 UV LED
- Charging port: Type-C
- Work for 30min after fully charged

Part No.	Magnification	Lens diameter (ØD)
7527-D1	10X	1.181" DIA

MOTORIZED DIGITAL ROCKWELL HARDNESS TESTER PART NO. HDT-RT151

FORCE LOADING BY ELECTRIC MOTOR (WITHOUT WEIGHTS) TOUCH SCREEN



- Comply with test standards ISO 6508, ASTM E18, JIS Z 2245
- Implement ISO, ASTM, GB scale conversion standards
- Electronic loading test force, with high accuracy and stable measurement values
- 8-inch touch screen for operation and display
- Capable of testing 15 Rockwell hardness scales and optional Superficial Rockwell scales
- Main unit stores 500 data groups independently; data retained after power failure
- Hardness correction function available based on cylinder size
- Optional wireless data transmission system

SPECIFICATION

Measurement range	20~95HRA, 10~100HRB, 10~70HRC	
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	Rockwell: 98N (10kgf)	
Test force	588N (60kg), 980N (100kg), 1471N (150kg)	
Stage elevation	manual	
Load control	automatic (load/dwell/unload)	
Load dwell time	2~60 seconds	
Resolution	0.1HR	
Max. workpiece height	9.06"	
Max. testing width	6.69"	
Power supply	100~240V, 50/60Hz	
Dimension (L×W×H)	18.70"×7.87"×27.56"	
Net weight	154.32lb	

PORTABLE LEEB HARDNESS TESTER WITH WIRELESS PROBE PART NO. HDT-WP201



- 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

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/mm ²
Power supply	2×AA batteries
Dimension (L×W×H)	5.31×3.03×1.26"
Net weight	.53lb

ULTRASONIC THICKNESS GAUGE (BASIC TYPE) PART NO. ISU-100D

ATTENTION: NOT SUITABLE FOR CASTINGS AND ALUMINUM WORKPIECES



- Measure the thickness from one side of objects, suitable for pipes, tanks, etc.
- Applicable material: steel, stainless steel, glass, copper, brass, polystyrene, titanium, etc.

SPECIFICATION (ON STEEL)

Measuring range	.031~11.811"	
Resolution	.01/.001"	
Accuracy	±.002" (H<3.94")	
	±(.002"+H/1000)" (.394"≤H<3.937")	
	±H/333" (H≥3.937") H is the thickness to be measured in inch	
Transducer	frequency	5MHz
	diameter (Ød)	.43" DIA
Minimum size of pipes	.79×.05" (diameter×wall thickness)	
Velocity	.0394~.3937inch/μs	
Operation temperature	main unit: -4~122°F transducer: -4~140°F	
Measuring unit	inch/mm	
Power supply	2×AAA batteries	
Dimension (L×W×H)	4.49×2.52×1.1"	
Net weight	.44lb	

**COATING THICKNESS GAUGE
(STANDARD TYPE)
PART NO. 5407-QM25**

FOR MAGNETIC AND NON-MAGNETIC SUBSTRATES



- Separate probe, suitable for both magnetic and non-magnetic metal substrates
- Can measure the thickness of non-magnetic coating and non-metallic coating on magnetic metal substrate
Substrate: iron, steel, magnetic stainless steel
Coating: zinc, aluminum, copper, chrome, tin, plastic, powder, paint (not for nickel)
- Can measure the thickness of non-conductive coating on non-magnetic metal substrate
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic, powder, paint, anodizing (not for chrome and zinc plating)
- Upper and lower limits can be set, over-limit alarm alert
- Data statistics and chart analysis
- 2.4-inch rotatable color screen

SPECIFICATION

Measuring range	0~78mil
Measuring principle	FE mode: magnetic induction, NFE mode: eddy current effect
Calibration mode	zero calibration, multi-point calibration
Accuracy	±(2%L+.04mil)
Resolution	.001mil (<10mil), .01mil (10mil~100mil), .1mil (≥100mil)
Minimum curvature radius	convex .20"; concave: .98"
Minimum measuring area	.6" DIA
Minimum substrate thickness	FE .008"; NFE .004"
Storage	1300
Operation environment	temperature: 14°F~122°F; humidity: 20%~90% (non-condensing)
Unit	mil, inch, μm, mm
Language	English, Chinese
Power supply	2×1.5V AA batteries
Dimension (L×W×H)	main unit: 5.79×3.03×1.30", probe: 2.64×.67" DIA
Net weight	main unit .30lb (exclude battery), probe: .14lb

**COATING THICKNESS GAUGE
(STANDARD TYPE)
PART NO. 5405-QM21**

FOR MAGNETIC AND NON-MAGNETIC SUBSTRATES



- Suitable for both magnetic and non-magnetic metal substrates
- Can measure the thickness of non-magnetic coating and non-metallic coating on magnetic metal substrate
Substrate: iron, steel, magnetic stainless steel
Coating: zinc, aluminum, copper, chrome, tin, plastic, powder, paint (not for nickel)
- Can measure the thickness of non-conductive coating on non-magnetic metal substrate
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic, powder, paint, anodizing (not for chrome and zinc plating)
- Upper and lower limits can be set, over-limit alarm alert
- Data statistics and chart analysis
- 2.4-inch rotatable color screen

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Minimum curvature radius	convex .20"; concave: .98"
Minimum measuring area	.6" DIA
Minimum substrate thickness	FE .008"; NFE .004"
Storage	1300
Operation environment	temperature: 14°F~122°F; humidity: 20%~90% (non-condensing)
Unit	mil, inch, μm, mm
Language	English, Chinese
Power supply	2×1.5V AA batteries
Dimension (L×W×H)	5.79×3.03×1.30"
Net weight	.30lb (exclude battery)



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