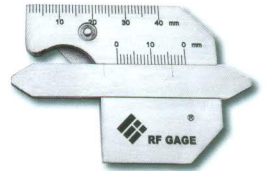




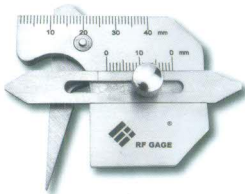
WG-09FGA
7-Piece Fillet Weld Gauge Set (inch)



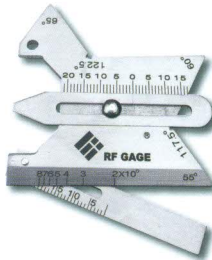
WG-09FGB
7-Piece Fillet Weld Gauge Set (metric)



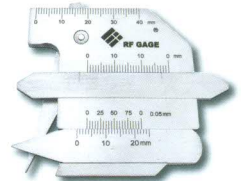
WG-10A
Welding Gauge HJC40B (Slider)



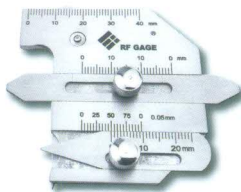
WG-10B
Welding Gauge HJC40B (Screw)



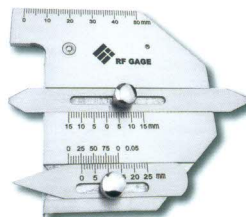
WG-11
Welding Gauge HJC30



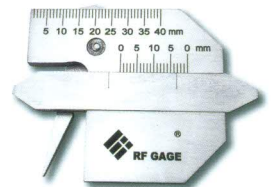
WG-12A
Welding Gauge HJC40 (Slider)



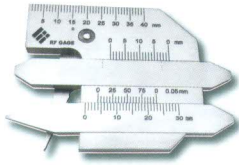
WG-12B
Welding Gauge HJC40 (Screw)



WG-13
Welding Gauge HJC60



WG-14A
Welding Gauge HJC45B



WG-14B
Welding Gauge HJC45



WG-15FG
Fan-shaped Gauge



WG-16CS
Combination Square 90°



WG-17CS
Combination Square



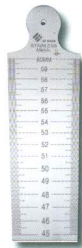
WG-18TGA
Taper Gauge (1-15mm)



WG-18TGB
Taper Gauge (15-30mm)



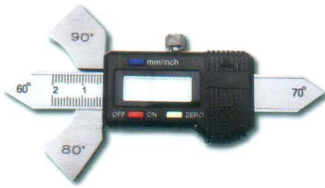
WG-18TGC
Taper Gauge (30-45mm)



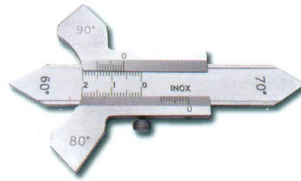
WG-18TGD
Taper Gauge (45-60mm)



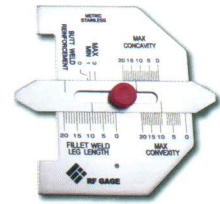
WG-19UG
Universal Gauge



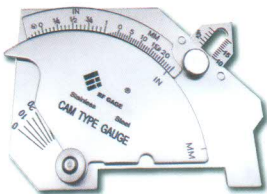
WG-01DVG
Digital Vernier Welding Gauge



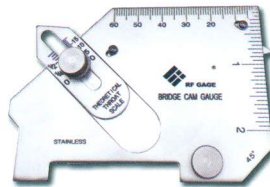
WG-02VG
Vernier Welding Gauge



WG-03ASG
Automatic Weld Size Gauge



WG-04BCGA
Bridge Cam Gauge



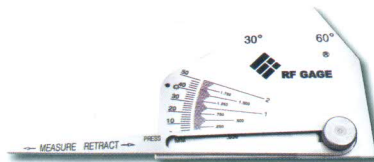
WG-04BCGB
Bridge Cam Gauge (Slider)



WG-05HILO
Economy Single Purpose HI-LO
Welding Gauge



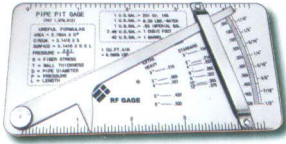
WG-06HILO
HI-LO Welding Gauge



WG-07SFG
Skew-T Fillet Weld Gauge



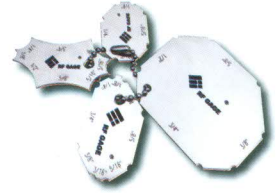
WG-08VG
V-WAC Single Weld Gauge



WG-20PPG
Pipe Pit Gauge



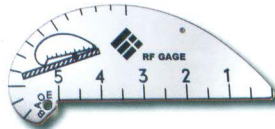
WG-21PFGA
2-Piece Pocket Fillet Weld Gauge



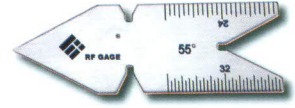
WG-21PFGB
4-Piece Pocket Fillet Weld Gauge



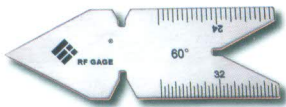
WG-22WTPS
W.T.P.S Gauge



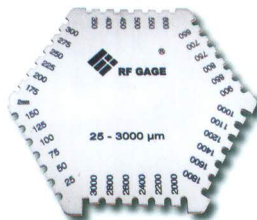
WG-23FG
Fillet Gauge



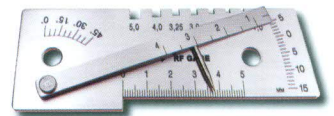
WG-24RGA
Rib Gauge 55°



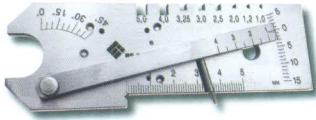
WG-24RGB
Rib Gauge 60°



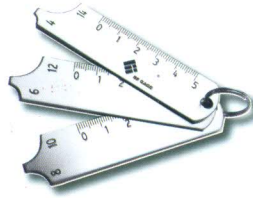
WG-25WFCG
Wet Film Comb Gauge



WG-26MWGA
Multifunctional Weld Gauge



WG-26MWGB
Multifunctional Weld Gauge



WG-27
Welding Gauge



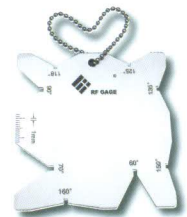
WG-28SWG
Standard Wire Gauge



WG-29FG
8-Piece Fillet Weld Set



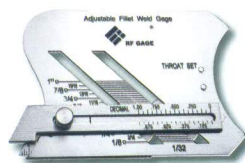
WG-30PG
Pit Gauge



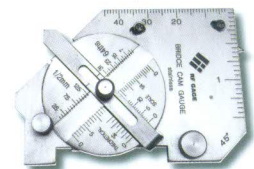
WG-31DAG
Drill Angle Gauge



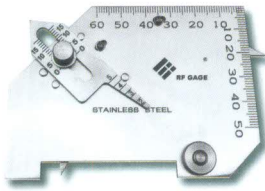
WG-32DPG
Drill Point Gauge



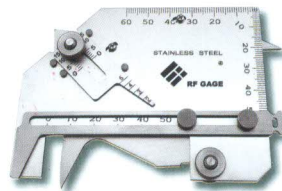
WG-33AFG
Adjustable Fillet Weld Gauge



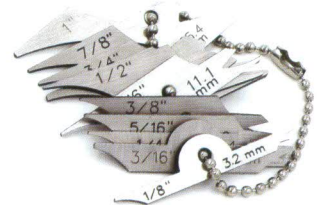
WG-34PBC
Pocket Bridge Cam Gauge



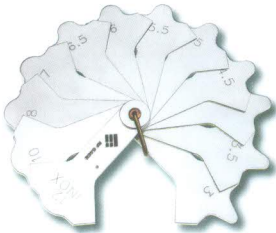
WG-35WGUA
Welding Gauge WGU-7M



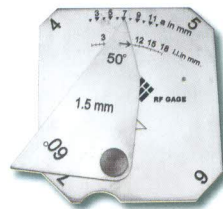
WG-35WGUB
Welding Gauge WGU-8M



WG-36MFG
Mini Fillet Weld Keys (11pcs)



WG-37RLG
Radius Linear Gauge



WG-38
Welding Gauge



RFCG-01
Contour Gauge 150mm



RFDC-01
Dial Caliper 150mm



PR-150
Portable Ruler 150mm (6")



RL-150
Ruler 150mm (6")



RFIM-025
Inspection Mirror 25×50mm



RFIM-02
Inspection Mirror 30mm



RFIM-04
Inspection Mirror 50mm



RFFL-01
Flashlight $\Phi 30 \times 103$ mm



RFMG-01
Magnifier 50mm



RFMG-02
LED Magnifier 30×50mm

COATING THICKNESS GAUGE CTG-210/211/220/221/222

FEATURES

- High quality metal probes.
- Two measuring methods: continuous and single;
- Two working mode: direct and batch;
- Limit setting function.
- Switch off automatically or manually.





MEASURING MATERIALS

Magnetic Induction (Fe):

Measuring the thickness of Non-magnetic coating on magnetic metal substrate, such as aluminum, chromium, copper, zinc, rubber, paint on the base of steel, iron, alloy and magnetic steel .

Eddy Current (NFe):

Measuring the thickness of Non-conductive coating on non-magnetic metal substrate, such as rubber, plastic, paint, oxide on the base of aluminum, copper, zinc, tin.

TECHNICAL SPECIFICATION

Model No.	CTG-210	CTG-211	CTG-220	CTG-221	CTG-222
Measuring principle	Fe	NFe	Fe	NFe	Fe & NFe
Measuring range(μm)	0~1250μm				
Probe	Settled		Changeable		
Shell	Plastic				
Accuracy	±[(1~3%)H+1] μm H means the thickness of tested piece				
Minimum resolution (μm)	0.1μm				
Min curvature of the min area (mm)	Convex1.5 Concave9				
Diameter of the min area (mm)	Φ7				
Critical thickness of substrate (mm)	0.5				
Memory	200 groups measured data				
Dimensions	115×70×30mm				
Power supply	AAA Alkaline battery				
Standard configuration	Main Machine,5 calibration specimens (48.5m、99.8m、249m、513m 1024m), 1 probe & substrate (Leeb222: 2 probes & substrates)				
Optional Accessories	Probes, Specimens				

COATING THICKNESS GAUGE CTG-250/251/252/253

FEATURES

- One button operation.
- Integrated with Fe and NFe in one probe.
- Easy and quick for operation.
- Switch off automatically or manually.





MEASURING MATERIALS

Magnetic Induction (Fe):

Measuring the thickness of Non-magnetic coating on magnetic metal substrate, such as aluminum, chromium, copper, zinc, rubber, paint on the base of steel, iron, alloy and magnetic steel .

Eddy Current (NFe):

Measuring the thickness of Non-conductive coating on non-magnetic metal substrate, such as rubber, plastic, paint, oxide on the base of aluminum, copper, zinc, tin.

TECHNICAL SPECIFICATION

Model	CTG-250	CTG-251	CTG-252	CTG-253
Operating principle	Fe	NFe	Fe & NFe	Fe
Measuring range (μm)	0~1250μm			0~6000μm
Accuracy	±[(1~3%)H+1]μm H refers to the thickness of testing piece			
Minimum resolution (μm)	1μm			
Min curvature of the min area (mm)	Convex1.5 Concave20			
Diameter of the min area (mm)	Φ10			
Critical thickness of substrate (mm)	0.5			
Operating temperature	0°C~40°C			
Dampness	20%~90%			
Magnetic field	No strong magnetic field environment			
Dimensions	150×55.5×23mm			
Power supply	AAA Alkaline battery			
Weight	120g			
Standard configuration	Main unit, 2 Calibration specimens (S1,S2), Fe and NFe substrate			

ULTRASONIC THICKNESS GAUGE UTG-320/321/322

FEATURES

- Integrated with a 4mm calibration block.
- Two display units: mm and inch.
- With coupling state indication.
- Measuring sound velocity: according to the known thickness of the object, sound velocity of it can be measured directly.

MEASURING MATERIALS

Adapted to all kinds of materials which are good conductor of ultrasonic wave, such as metals(steel, cast iron, aluminum, copper and etc), plastic, ceramics, composites, epoxies, glass and etc.





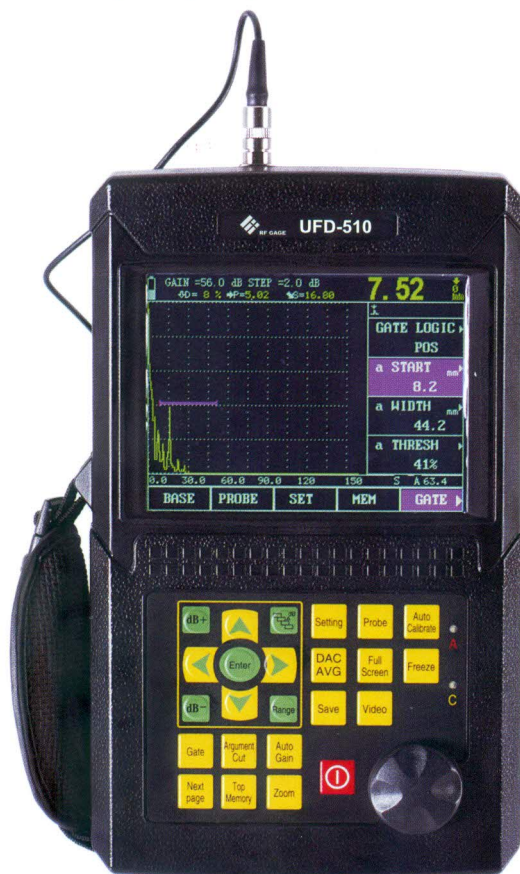
STANDARD CONFIGURATION

Name	Quantity	Name	Quantity
Main unit	1	Coupling agent	1
Standard probe(5P Ø10)	1	AAA alkaline battery	2
Users' Manual	1	Packing list	1
Qualified Certificate	1	Warranty card	1

TECHNICAL SPECIFICATION

Model	UTG-320	UTG-321	UTG-322
Measuring range(mm)	0.7~300		
Resolution(mm)	0.1		0.01
Accuracy(mm)	$\pm(1\%H+0.1)$ H refers to the thickness of testing piece		$\pm(0.5\%H+0.01)$ H refers to the thickness of testing piece
Velocity range(m/s)	5920	1000~9999	
Storage	No		500 Groups
Shell	Plastic		
Operating Temperature	-10°C~60°C		
Dampness	20%~90%		
Dimensions(mm)	130×70×250		
Power supply	AAA alkaline batteries		
Weight (g)	200g		

ULTRASONIC FLAW DETECTOR UFD-510/520/521/522



FEATURES

- Probe automatic calibration
- DAC and AVG are automatically formed, and can be corrected and compensated
- Freely switch to four kinds of standards (depth D, level P, distance S, amplitude H)
- Functions such as Auto-gain and peak memory improve detection efficiency
- Automatically calculate the ϕ value equivalent defects
- 13 built-in testing standards are available
- Storage: 980 pieces of A-scan images and data
- Power supply: rechargeable Li-ion battery, standby time more than 15hours
- The width and intensity of launch pulse are adjustable
- With the durable shell ,oil-proof, water-proof and dust-proof
- PC software is available for data analysis, management and reports printing.

APPLICATION

Application for quickly and accurately detection, positioning, evaluation and diagnosis of various flaws in the work-piece, such as cracks, welds, blowhole, etc. It Widely used in electric power, petrochemical, boiler and pressure vessel, steel, military, aerospace, railway transportation, automobiles, machinery, and other fields.

TECHNICAL SPECIFICATION

Model	UFD-510	UFD-520	UFD-521	UFD-522
Operating Frequency	0.5MHz~15MHz		0.5MHz~20MHz	
Scan Range(mm)	0-6000mm		0-10000mm	
Velocity Range (m/s)	1000~15000	100~18000	100~20000	
Vertical linearity error	≤3%		≤2%	
Dynamic Range	≥32dB		≥35dB	
Horizontal linearity error	≤0.2%		≤0.1%	
Testing sensitivity	≥62dB (Depth 200mm, Φ2 flat bottom hole)		≥65dB (Depth 200mm, Φ2 flat bottom hole)	
Measuring channel	50	100		
Storage	500	980		
TCG curve	○	○	●	●
B Scan	○	○	○	●
PC Connection	●			
Video	○	○	○	●
Gain Range(dB)	0~110	0~120	0~130	
Standard Probes	Straight probe: 2.5MHz, diameter 20mm, cable Q9-Q9 Angle probe: 4MHz, 60 degree, 8*9 mm, cable Q9-C5			
Dimension	240×160×40mm			
Weight	1.2kg			
Standard Delivery	Main Unit, Straight probe, Angle probe, Power adapter, BNC cables, PC software, Manual, Certificate, Warranty card			
Optional Accessories	Optional probes, Cables, Calibration blocks, Coupling agent			





WGK-01
Welding Gauge Kit (16pcs)



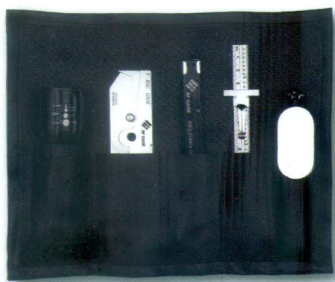
WGK-02A
Brief Case Type Large Tool Kit (13pcs)



WGK-02B
Brief Case Type Large Tool Kit (13pcs)



WGK-03
American Welding Society (AWS)
Tool Kit (7pcs)



WGK-04
Wrap-Around Pouch Tool Kit (5pcs)



WGK-05
Medium Size Tool Kit (7pcs)