

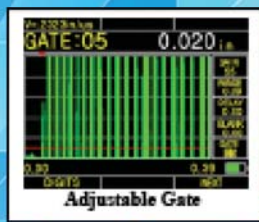
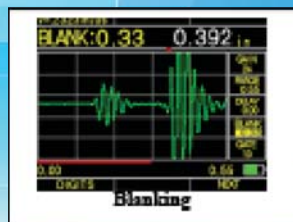
# Ultrasonic Thickness Gauge w/A & B Scan and Thru Coating Capability



***NEW! Hi-Resolution, Ultra Thin Material***

## UTG-4000/4200

Utilizing color waveform A-scan and time based B-scan for absolute correctness, this state of the art ultrasonic thickness gauge is packed with useful features allowing users to be confident of the displayed values on the most critical of applications. These multi-functional ultrasonic thickness gauges offer everything from basic measurement, Scan mode with Min/Max viewing, GO/NO GO display, Adjustable Sound Velocity and Thru-Coating Capabilities. This dynamic ultrasonic thickness gauge is designed to measure the thickness of metallic and non-metallic materials in critical situations that ordinary thickness gauges couldn't do.



Operating Principle	UTG-4000 Ultrasonic Pulse/Echo and Echo to Echo method with dual element probe UTG-4200 Ultrasonic Pulse/Echo and Echo to Echo method with Time Delay probe
Display type	2.4" Color OLED Screen
Resolution	UTG-4000 0.001" / .01" / 0.01mm (Inch/Metric selectable) UTG-4200 0.0001" / 0.001mm (Selectable)
Measuring Range	UTG-4000 0.02-20.0" Dependant upon probe & material UTG-4200 See Below: Interface-Echo Mode: .060" - 1.05" Echo-Echo Mode: .009" - .531" Multiple Echo Verify Mode: .009" to .354" Auto Mode: .009" to 1.05"
Repeatability	+/- .001" (+/- 0.05mm)
Sound velocity range	0.0197-0.3937in/us (500-9999m/s)
Measuring Error	0.001" (up to 0.984") 0.007" (up to 3.03") 0.019" (4" and above)
Display Modes	<b>UTG-4000</b> Digital Thickness Readout A-scan or B-scan Min/Max Capture Diff-Value / Reduction  <b>UTG-4200</b> Interface Echo(I-E): for measuring thick material Echo-Echo (E-E): for thin material and measure through coating Multiple Echo Verify Mode (ME-E): All thickness values have been checked from 3-9 echos for highest accuracy Auto Mode: Automatic selection according to different material being tested. Digital Thickness Readout A-scan or B-scan
V-Path Correction	Automatic
Update Rate	Selectable: 4Hz, 8Hz, 16Hz
Refresh rate	4/second
Alarm Settings	Min/Max Alarm Dynamic waveform color change on alarm
Operating temperature	14-122°F (-10°C - +50°C)
Auto Shut-Off	After 5 minutes
Power supply	3v AA alkaline batteries (2pc)
Operating Time	Approx. 36 hours
Dimensions	6.02" x 2.99" x 1.45" (153 x 76 x 37mm)
Weight	9.9oz (280g)

Part Number	UTG4000-400	UTG2800-750	UTG2600-400	UTG2000-440	UTG2000-450	UTG4200-400
Probe Style	Standard	Small Tube	Extreme small tube	Rough surface/Porous metal	Hi-Temp	Time Delay Probe
Frequency	5MHz	7.5 MHz	10 MHz	2 MHz	5 MHz	n/a
Contact Dia.	8mm	6mm	4mm	17mm	15mm	7.75mm
Measure range	.031-3.93"	.031-1.18"	.019-.787"	.157-20"	.157-3.14"	.009" to 1.05*
Temperature	14-158°F	14-158°F	14-158°F	14-158°F	0-572°F	14-158°F
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