

SA40 Ultrasonic Thickness Gauge

Top Users : Sasol, Anglo, Caltex, Koeberg, Dorbyl



Technical Specifications

Technique :	Pulse Echo with Dual Probe
Display :	4 Digits LCD with Backlight
Measuring Range :	0.8 to 225.0 mm
Accuracy :	+/- 1%
Resolution :	0.01 up to 99.99 mm 0.1 from 100.0 to 225 mm
Velocity Range :	500 to 9,999 m/sec
Display Circle :	1 sec
Coupling Indication	
Memory :	40 data can be stored and recalled
Units :	mm or Inch
Low Battery Indicator	on LCD
Auto Shut-Off :	After 5 Minutes of non - use
Power :	2 Ea. 1.5v AA Alkaline Cells
Operating Temp. :	0 to 40 °C
Operating Humidity :	20 to 90% RH
Size :	124 x 67 x 30 mm
Weight :	240 g
Case - Foam Lined :	240 x 220 x 80 mm

Packing List

- SA-40 Gauge
 - PT-5 Probe (5Mhz)
 - Two 1.5v AA Batteries
 - A Bottle of Couplant
 - Operation Manual
 - Calibration Cert. of Readings
- All Above incl. in Hard Foam Lined Carry Case

Example of Readings with SA40

Test Block	Readings
70.00 mm	69.97 mm
60.00	60.02
48.00	48.02
30.00	30.01
24.00	24.01
15.00	15.00
10.00	10.02
4.00	4.01
2.00	1.99
1.00	0.97

Optional Probes

<u>Probes</u>	<u>Frequency</u>	<u>Diameter</u>	<u>Applications</u>
PT-5	5MHz	Diam 10 mm	For Standard Applications
XT-5	5MHz	Diam 7 mm	For Tubes with Small Diameters
GT-5	5MHz	Diam 12 mm	For High Temperature up to 400 deg C (with removeable sleeve)
CT-2.5	2.5MHz	Diam 12 mm	For unfavorable attenuation



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