ULTRASONIC THICKNESS GAUGE
SA40/SA40EZ/ST5900

*S*A40 / SA40EZ / ST5900 are the miniaturized ultrasonic thickness gauges that can measure wall thickness and velocity.

Our intelligent gauges are designed to measure the thickness of metallic and non-metallic materials such as steel, aluminum, brass, silver, oil, acrylic resin, glycerin, water glass and etc. They are quite versatile model which can be easily equipped with the low & high frequency probes as well as a high temperature probe. ST5900 has a fixed velocity 5900 m/s which used only for measuring steel, wall thickness. ●

*S*pecifications

Model	SA40	SA40 EZ	ST5900
Display	4 digits LCD		
Backlight	Yes		-
Measuring range	1.0~250.0mm in steel with standard probe		1.2~200mm
Resolution	0.01mm@1.0~99.99mm 0.1mm@100.0~250.0mm	0.1mm	
Unit	mm/inch	mm	
Velocity	1000~9999m/s		5900m/s
Coupling indicator	Yes		
Calibration	Auto		Manual
Memory	40 data	-	
Low battery indicator	Yes		-
Working environment	0~40ºC, 20~90%RH		
Power off	Auto		
Power supply	AA battery x 2		AAA battery x 1
Dimension (mm)	124x67x30		107x60x15
Net weight (g)	240		100
Standard probe	PT-5		
Optional probes	XT-5 / GT-5 / CT2.5		-

Optional *P*robes

Probe	Frequency	Diameter	Measuring Range	Application
PT-5 (Standard)	5MHz	Ø10mm	1.0~250.0mm	For standard applications
XT-5 (Optional)	5MHz	Ø7mm	0.8~30mm	For tubes with small diameter
GT-5 (Optional)	5MHz	Ø12mm	3.0~100mm	For high temperature up to 400ºC
CT-2.5 (Optional)	2.5MHz	Ø12mm	3.0~250mm	For unfavorable attenuation cast

Calibration test blocks: in 1.50mm, 3.00mm, 7.00mm, 10.00mm, 15.00mm, 20.00mm steps

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Ultrasonic Thickness Gauges

Standard package
SA40/SA40 EZ
SA40/SA40 EZ main unit	1
Standard 5MHz probe PT-5	1
Built-in calibration block	1
Coupling paste	1
AA battery	2
Operation manual	1
Carrying case	1

Optional probes
XT-5 probe
GT-5 probe
CT-2.5 probe
PT-5 probe

Standard package - ST5900
ST5900 main unit	1
Standard 5MHz probe PT-5	1
Built-in calibration block	1
AAA battery	1
Leather case	1
Operation manual	1