

# ULTRASONIC THICKNESS GAUGE SA40/SA40EZ/SA40EC/SA50

**S** A40 / SA40EZ 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 nonmetallic materials such as steel, aluminum, brass, silver 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. SA40EC is especially designed to equipped with CT2.5 probe. ●



**S** A50 thickness meter is controlled by micro-processor based on the ultrasonic measuring principle. It is able to measure the thickness and acoustic speed of various materials transmitted ultrasonic. It is designed to measure the thickness of normal metal materials and metal materials covered with coating. ●

## Specifications

Model	SA50	SA40	SA40 EZ	SA40 EC
Display	4 digits LCD			
Backlight	Yes			
Measuring range	1.00~225.0mm in steel with PT-5 probe (Normal mode) 3.00~20.00mm in steel Thickness for coating: <1.2mm (Coating mode)	0.8~250.0mm in steel with PT-5 probe	1.0~250.0mm in steel with PT-5 probe	3.0~250.0mm in steel with CT-2.5 probe
Resolution	1.00~9.99mm ±0.05 10.00~99.99mm ±(0.5% H+0.01) 100.0~225.0 ±(1% H+0.1)	0.01mm@0.8~99.99mm 0.1mm@100.0~250.0mm	0.1mm	
Unit	mm/inch		mm	
Velocity	1000~9999m/s			
Coupling indicator	Yes			
Calibration	Auto			
Memory	40 data		-	
Low battery indicator	Yes			
Working environment	0~40°C, 20~90%RH			
Power off	Auto			
Power supply	AA battery x 2			
Dimension (mm)	124x67x30			
Net weight (g)	245	240		
Standard probe	PT-5			CT-2.5
Optional probes	XT-5 / GT-5 / CT2.5		XT-5 / GT-5	

## Ultrasonic Thickness Gauges

### Standard package -

#### SA40/SA40 EZ/SA50

SA40/SA40 EZ/SA50 main unit	1
Standard 5MHz probe PT-5 with probe holder	1
Built-in calibration block	1
Coupling paste for normal temperature	1
Operation manual	1
Carrying case	1

### Optional probes

XT-5 probe	
GT-5 probe	
CT-2.5 probe	
PT-5 probe with probe holder	
Coupling paste for high temperature	

### Standard package -

#### SA40 EC

SA40 EC main unit	1
2.5MHz probe CT-2.5	1
Built-in calibration block	1
Coupling paste for normal temperature	1
Operation manual	1
Carrying case	1