



## **SA40+ Ultrasonic Thickness Meter Detail Information:**

Using new technique of multiple echo(echoto-echo), SA40+ can measure wall thickness under paint.

For a normal ultrasonic thickness gauge, you must remove paint on work piece, but with new SA40+, you can take measurement directly over the paint of work piece and you can get real thickness value of work piece.

SA40+ has two measuring modes: Normal mode and multiple echo(ME) mode. By normal mode, SA40+ is a normal ultrasonic thickness gauge; By ME mode, SA40+ can measure over coatings.

Specifications:

Display: 4 digits LCD with backlight  
 Measuring range: 0.7~300.0mm in steel with PT-5 probe (Normal mode)  
 3.00~20.00mm in steel Thickness for coating: <1.2mm (ME mode)  
 Resolution: 0.80~9.99mm ± 0.05  
 10.00~99.99mm ± (0.5% H+0.01)  
 100.0~300.0 ± (1% H+0.1)  
 Velocity range: 1000-9999m/sec.  
 Memory: 400 data can be stored and re-readable  
 Units: Mm or inch  
 Low battery indicator on LCD  
 Auto shut-off: After 3 min. Of non-use  
 Power: AA battery x 2  
 Operating temperature: 0-40° C  
 Operating humidity: 20-90%RH  
 Size: 124mm× 67mm× 30mm  
 Weight: 245 (including battery and probe)  
 Standard probe: PT-5  
 Optional probes: XT-5 / GT-5 / CT2.5

Model	SA40EZ	SA40	SA40+
Display	4 digits LCD		
Backlight	Yes		
Measuring range	0.7.0~300.0mm in steel with PT-5 probe	0.7~300.0mm in steel with PT-5 probe	0.7~300.0mm in steel with PT-5 probe (Normal mode) 3.00~20.00mm in steel Thickness for coating: <1.2mm (ME mode)

Resolution	0.7.0~99.9mm $\pm(0.5\%+0.1)$ mm 100.0~250.0mm $\pm(1\%+1)$ mm	0.80~9.99mm $\pm 0.05$ mm 10.00~99.99mm $\pm(0.5\%+0.01)$ mm 100.0~300.0 $\pm(1\%+0.1)$ mm	0.7~9.99mm $\pm 0.05$ 10.00~99.99mm $\pm(0.5\% H+0.01)$ 100.0~300.0 $\pm(1\% H+0.1)$
Unit	mm	mm/inch	
Velocity	1000~9999m/s		
Coupling indicator	Yes		
Memory	-	400 data	
Low battery indicator	Yes		
Working environment	0~40°C, 20~90%RH		
Power off	Auto		
Power supply	AA battery x 2		DC 3V (AA battery*2)
Dimension (mm)	127x66x29		124mm×67mm×30mm
Net weight (g)	240		245 (including battery and probe)
Standard probe	PT-5		
Optional probes	XT-5 / GT-5 / CT2.5		
Model	SA40EZ	SA40	SA40+
Display	4 digits LCD		
Backlight	Yes		
Measuring range	0.7.0~300.0mm in steel with PT-5 probe	0.7~300.0mm in steel with PT-5 probe	0.7~300.0mm in steel with PT-5 probe (Normal mode) 3.00~20.00mm in steel Thickness for coating: <1.2mm (ME mode)
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Memory	-	400 data
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