# **ULTRASONIC THICKNESS GAUGE**





- ◆ Measure the thickness of tank, pipe and big
- ◆ Can measure thickness of workpiece with coating
- ◆ Wide measuring range with optional transducer
- ◆ LCD with backlight

workpiece

• With manufacturer inspection certificate



Transducer ST300-P6 (optional)



Transducer ST300-ZT12 (optional)



Transducer ST300-GT12 (optional)



## **SPECIFICATION**

Resolution	0.01mm(<100mm)		
	0.1mm(≥100mm)		
Repeatability	0.03mm(<100mm)		
	0.1mm(≥100mm)		
Accuracy	±0.05mm (<10mm)		
	±(0.05+H/100)mm (≥100mm)		
	H is the thickness in mm		
Max. coating thickness	1000um		
Velocity	1000-9999m/s		
Power	2×AAbatteries		
Dimension	71×150×33mm		
Weight	160g		

## **INCLUDED ACCESSORIES**

Main unit	1pc	
Transducer PT-10	1pc	
AA battery	2pcs	
Couplant	1bottle	

## **OPTIONAL ACCESSORIES**

Transducer	ST300-P6
Transducer	ST300-ZT12
Transducer	ST300-GT12
Couplant (high temperature)	ST300-CP

## **SPECIFICATION OF TRANSDUCERS**

Code	Application	Range	Frequency	Min. pipe dimension diameter×thickness	Working temperature
PT-10	generaluse	1-300mm	5.0MHz	20×1.2mm	<70°C
ST300-P6	thin workpiece	0.75-35mm	7.0MHz	15×1.2mm	<70°C
ST300-ZT12	casting steel	4-500mm	2.0MHz	30×5mm	<70°C
ST300-GT12	high temperature	4-80mm	5.0MHz	25×5mm	<480°C