



# MEASURING INSTRUMENTS — UTG SERIES

## (Ultra sonic thickness gauges)

Ultra sonic thickness gauges use ultrasonic waves to determine the thickness of a wide variety of solid objects from metals to plastics. It is comprised of the digital instrument that controls the operation and a probe that transmits and receives the ultrasonic waves.



AD-3253B / 3253



TT-100



TM-8811

### Specifications

Maker	A&D	A&D	TIME	LANDTECH
Model	AD-3253B	AD-3253	TT-100	TM-8811
Measuring method	Ultrasonic pulse reflection			
Measuring range	0.8 ~ 100.0mm (0.035 ~ 4 inches)	2.0 ~ 200.0mm (0.08 ~ 8 inches)	1.2 ~ 225.0mm	1.5 ~ 200.0mm
Unit of measure	Mm / inches			
Frequency range	5MHz			
Calibration	5.0mm thickness test block (Included)		4.0mm steel base plate integrated	5.0mm steel base plate integrated
Memory	-	-	10 readings max.	-
Accuracy	+/- 0.1mm (+/- 0.5%)	+/- 0.1mm (+/- 1.0%)	+/- 0.1mm (+/- 1.0%)	+/-0.1mm (+/-0.5%)
Resolution	0.01mm		0.1mm	0.1mm
Sound velocity range			1000 to 9999 m/s	500 to 9000 m/s
Operating temp.	0+50 Deg. C		-10+60 Deg. C	0+40 Deg. C
Display	Liquid crystal display		4-Digit LCD with backlight	
Power supply (1.5V AA Battery)	01Pc		02Pcs	04Pcs
Operation time	Approx. 30hrs		Approx. 250hrs	
Dimension	68 x 120 x 27mm		126 x 68 x 23mm	160 x 68 x 32mm
Weight	180 grams		250 grams	208 grams
Others	C/w standard probe, manual, case, certificate			