ALIA ®

↗ GENERAL

ALIASONIC AUT8500 series is an intelligent handheld product, which provides quick and precise measurement of thickness for most industrial material.

AUT8500 series is widely used in various precise measurement for different hardware/parts in industrial realm and diffusely applied in manufacture fields, metal processing or commercial inspection.

↗ FEATURES

- ☐ Auto calibration to assure accuracy
- ☐ Low battery indication
- ☐ Preset or store more than ten sound velocity and thickness measurement data
- ☐ Auto power off if no operation within three minutes
- ☐ With a given thickness to measure the sound velocity
- ☐ Coupling status indication
- ☐ High / Low thickness buzzer alarm

↗ STANDARD SPECIFICATION

	AUT8500A		AUT8500B
● Model	: **AUT8500A**	**● Model**	: **AUT8500B**
● Measuring Range	: 1.2 ~ 225.0 mm	● Measuring Range	: 1.00 ~ 300.0 mm (1/25" ~ 12")
● Resolution	0.1mm	● Resolution	0.01mm
● Min. limit for tube	: φ 20 * 3.0 mm (φ10 Transducer)	● Min. limit for steel tube	: φ 15 * 2.0 mm (φ 6 Transducer)
			: φ 20 * 3.0 mm (φ 10 Transducer)
● Accuracy	: +/-1% of Reading +/-0.1mm	● Accuracy	: +/-0.8% of Reading +/-0.05mm
● Engineer unit	: mm	● Engineer unit	: mm / Inch
● Sound Velocity Range	: 1000 ~ 9999 m/s	● Sound Velocity Range	: 1000 ~ 9999 m/s
● Accuracy of Velocity	: +/-1% of Reading (Thickness < 20mm)	● Accuracy of Velocity	: +/-1% of Reading (Thickness < 20mm)
	: +/-5% of Reading (Thickness > 20mm)		: +/-5% of Reading (Thickness > 20mm)
● Operating Temp.	: -20 to +60 °C	● Alarm Setting	High / Low Thickness Alarm With Buzzer
● Battery life	: 15 to 20 Hours	● Operating Temp.	: -20 to +60 °C
● Power Supply	: 1.5V AAA Battery * 3 pcs	● Battery life	: 30 to 35 hours
● Power Consumption	: <0.54 W (with back light on)	● Power Supply	: 1.5V AAA Battery * 3 pcs
● Standard Package	:	● Power Consumption	: <0.16W (with back light on)
	: Ultrasonic Thickness Gauge	● Standard Package	:
	: φ 10 Transducer (5MHz)		: Ultrasonic Thickness Gauge
	: Ultrasonic Couplant		: φ 10 Transducer (5MHz)
	: Sample Block		: φ 6 Transducer (5MHz)
	: Leather Case Cover		: Ultrasonic Couplant
	: Carrying Case		: Sample Block
			: Leather Case Cover
			: Carrying Case

CE

⬈ DIMENSIONS
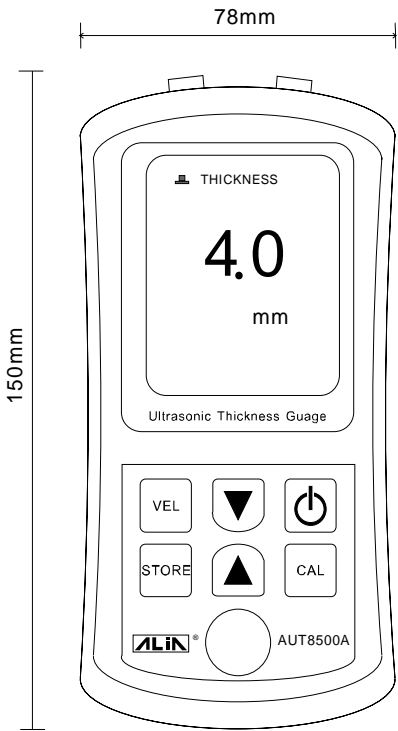
AUT8500A
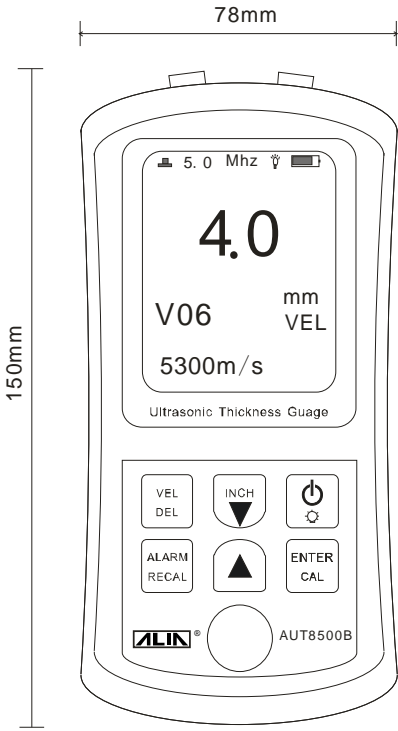
AUT8500B

⬈ ACCESSORIES

Ultrasonic Thickness Gauge

Couplant   **Sample Block**

φ 10 Transducer

Carrying Case

φ 6 Transducer