Ultrasonic Thickness Gauge

SPECIFICATIONS	AR850	AR860
Transducer	Φ10mm 5MHz Φ10mm 2.5MHz	Φ6mm 5MHz Φ10mm 5MHz
Measuring Range	1.2~225mm(Steel)	1.00~300mm(Steel)
Accuracy	±(1%H±0.1mm)	±(1%H±0.1mm)
Resolution	0.1mm	0.1mm
Sound Velocity	1000~9999m/s	1000~9999m/s
Operating Frequency	5MHz / 2.5MHz	5MHz
Operation Condition	0°C~40°C	0°C~40°C
Minimum Limit For Tube Measuring	Φ20 x 3mm(Steel)	Φ15 x 2mm(Steel) (Φ6) Φ20 x 3mm(Steel) (Φ10)
Data Storage	10 groups	12 groups
Sound Velocity Measuring & Storage	12 groups	12 groups
Backlight Display	√	√
Auto Zero Calibration	√	√
Auto linear compensation	√	√
Coupling Indicator	√	√
Battery Indication	√	√
Auto/Manual Power Off	√	√
Max / Min Thickness Alarm Setup	---	√
12 Sound Velocities For Diff. Material	---	√
GENERAL CHARACTERISTICS & PACKING INFORMATION		
Power	3*1.5V AAA batteries	3*1.5V AAA batteries
Product Net Weight	275g	275g
Product Size	153 x 75 x 35mm	153 x 75 x 35mm
Packing	Gift box	Gift box
Std Quantity / Carton	12	12
Std Carton Size	52 x 43 x 32.5cm	52 x 43 x 32.5cm
Std Carton G•Weight	16.3kg	16.3kg

Film / Coating Thickness Gauge

SPECIFICATIONS	AR930	AR931	AR932
Measuring Range	0~1800μm		0~1500μm
Measuring Principle	Magnetic Induction		Magnetic Induction & Eddy current
Accuracy	±(3%H±1μm)		±(1.8%um±2um)(0-500um) ; ±(2.2%um±2um) (500-1500um)
Resolution	0.1μm / 1μm		0.1μm / 1μm
Minimum Curvature Radius	Convex=1.5mm Concave=9mm		Convex=5mm Concave=30mm
Base Sample Diameter	Φ7mm		25x25mm
Base Substrate Thickness	0.5mm		Magnetic : 0.2mm ; Non-magnetic : 0.05mm
Auto-identify Substrate Material	---	---	√
Backlight Display	√	√	√
Alarm Buzzer	√	√	√
Zero / Two Point / Basic Calibration	√	√	√
Single / Continuous / Standard Deviation Measurement	√	√	√
Data Storage & Recall	√	√	√
Data Analysis	√	√	√
Max & Min Measuring	√	√	√
AVG & DFR Measuring	√	√	√
Data Storage	15 groups	15 groups	20 groups
Metric / Imperial Switchable	√	√	√
Battery Indication	√	√	√
Auto Power Off	√	√	√
Operation Condition	0°C~40°C (without strong magnetic)		0°C~50°C (without strong magnetic)
GENERAL CHARACTERISTICS & PACKING INFORMATION			
Power	9V battery	9V battery	2*1.5V AAA batteries
Product Net Weight	147g	245g	75g
Product Size	183 x 67 x 30mm	153 x 75 x 35mm	119 x 50 x 30mm
Packing	Aluminum Box	Aluminum Box	Gift box
Std Quantity / Carton	12	12	40
Std Carton Size	52 x 43 x 32.5cm	52 x 43 x 32.5cm	52.5 x 40 x 49cm
Standard Carton Gross Weight	13.5kg	13.5kg	20kg

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ติดต่อบริษัท นีโอนิคส์ จำกัด
Tel: 098-479-5684 หรือ 061-8268939
E-mail: sale@tools.in.th เว็บไซต์ www.tools.in.th

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*The parameters and specifications are based on products sold.