

DATA SHEET

COATING THICKNESS GAUGE VA8044T

PRODUCT HIGHLIGHTS

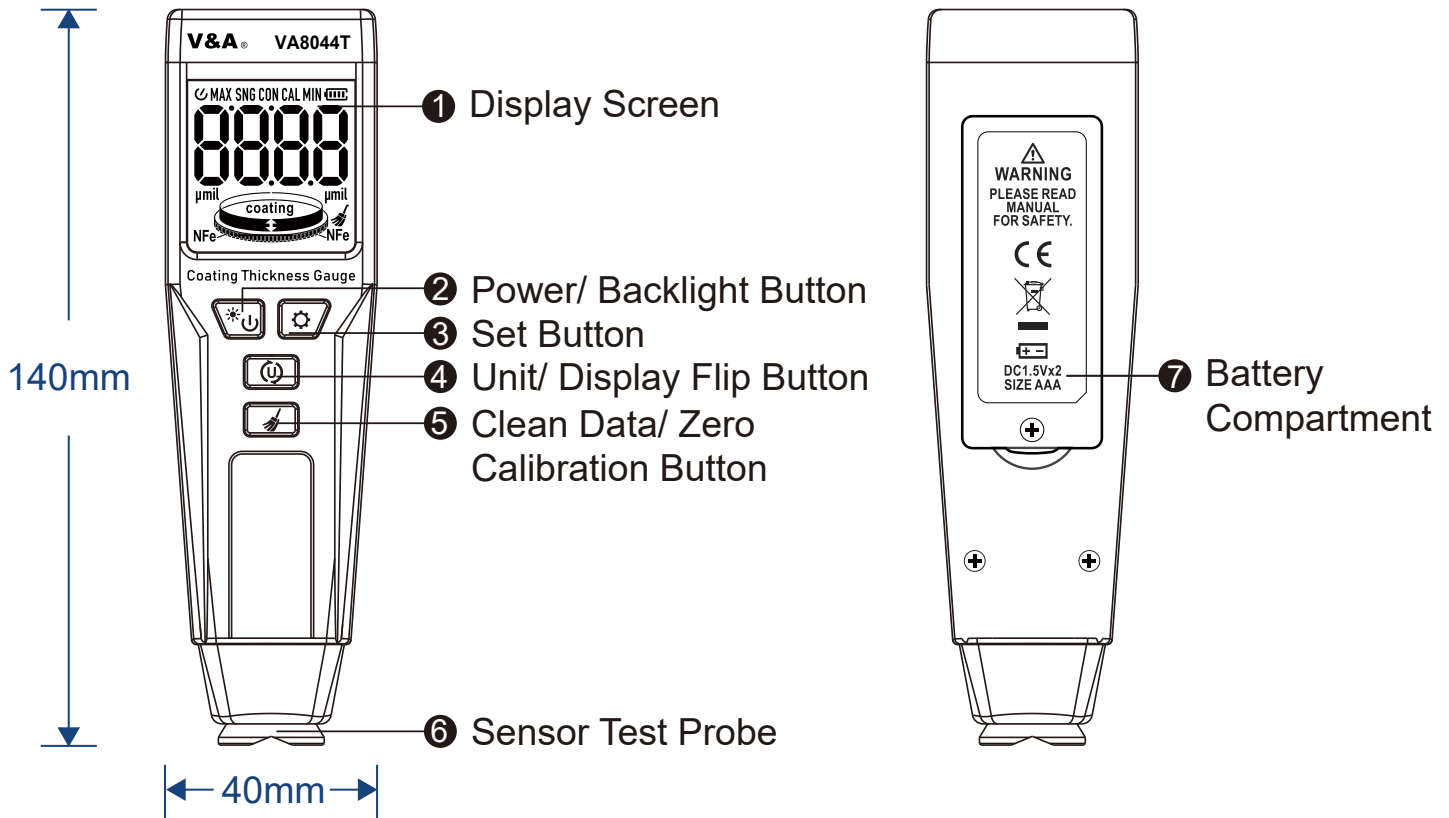
Fe

NFe



- In accordance with GB/ T4956 magnetic method for measuring the thickness of non-magnetic coating on magnetic metal substrate
- Conforms to GB/ T4957 eddy current method for measuring the thickness of non-conductive coating on non-magnetic metal substrate
- Measure coating thickness by magnetic and eddy current methods
- Automatic identification of ferrous substrate or non-ferrous substrate
- Flip Screen & Adjustable Screen Display Angle
- Data Hold
- Backlight
- Audio Prompt
- Low Battery Indication
- Auto Power Off
- Battery 1.5V (AAA) x 2

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display: 7-segment characters LCD
- Number of digits: 4 digits
- Overflow display: "OL" is displayed

3. TECHNICAL SPECIFICATIONS

Functions	Range	Resolution	Accuracy
Ferrous Substrate (FE) & Non-Ferrous Substrate (NFE)	0~99.9 μ m	0.1 μ m	$\pm(3\%+1)\mu$ m
	100~1500 μ m	1 μ m	
	0~4.99mil	0.01mil	$\pm(3\%+0.04)$ mil
	5.0~59mil	0.1mil	

Features	
Auto Recognition	The sensor automatically identifies the substrate type
Minimum Radius of Curvature of Convex Surface	5mm
Minimum Radius of Concave Curvature	50mm
Minimum Measured Area Diameter	20mm
Display	4 digits LCD display
Test Mode	Single/ continuity
Display Units	um/ mil (1mil=25.4ym)
Flip Screen	Manual setting (two direction:0°/ 180°)
Audio Prompt	There is audio prompt when measure or warning
Data Hold	•
Low Battery Indication	•
Auto Power Off	•
Backlight	•
Power	1.5V battery (AAA) x 2
Size	140 x 40 x 27 mm
Weight	~118g (without battery)

4. GENERAL SPECIFICATIONS

Function	Value
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	-10°C~50°C, 14°F~122°F; 0~80% RH
Storage temperature/ humidity	-20°C~60°C, -4°F~140°F; 0~80% RH
Power supply	1.5V (AAA) x 2
Dimension/ weight	140(L) x 40(W) x 27(H) mm/ Approx 118g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA8044T	Coating Thickness Gauge	1 Piece
	Ferrous Substrate (Optional)	1 Piece
	Non-Ferrous Substrate (Optional)	1 Piece
	Standard Diaphragm (Optional)	1 Set
	User Manual	1 Piece
	Battery 1.5V (AAA)	2 Pieces
	Box	1 Piece

6. APPLICATIONS



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