

DATA SHEET

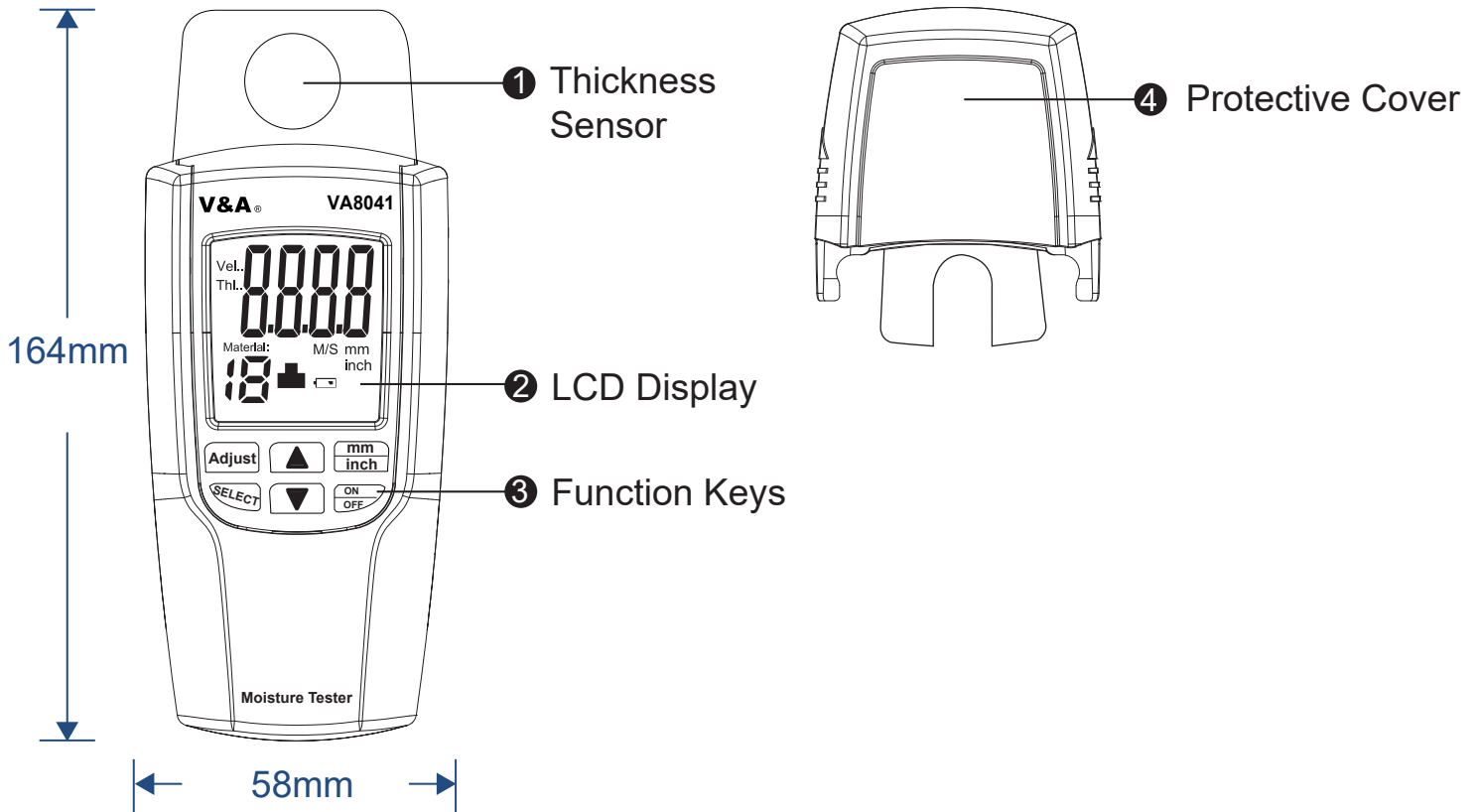
ULTRASONIC THICKNESS GAUGE VA8041

PRODUCT HIGHLIGHTS

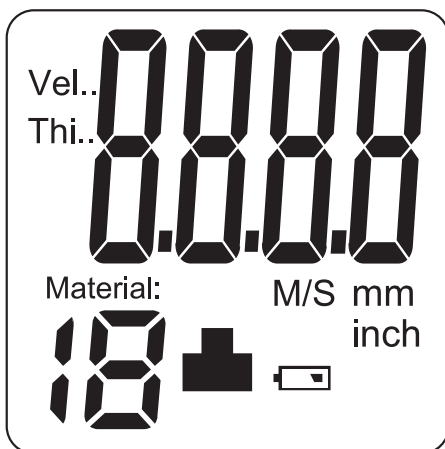


- Measuring Thickness of Various Good Ultrasonic Wave Conductors as Steel Aluminum, Copper, Glass etc.
- Ultrasonic Wave Velocity or Thickness Display
- Manual Material Selection
- Ultrasonic Wave Velocity Adjustable
- Thickness Unit "mm" or "inch" Optional
- Ultrasonic Wave Velocity Testing
- Coupling State Display
- Shut Down Manually or Automatically
- Built-in Calibration Metal Block (4.0mm)
- Software Calibration
- Backlight
- Low Battery Indication
- Auto Power Off
- Battery 1.5V (AAA) x 3

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display: 7-segment characters LCD
- Number of digits: 4 digits
- Overflow display: "OL" is displayed
- Sample rate: 2 times/ sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA8041
Range	1.2mm~220mm (steel)
Accuracy	$\pm(1\%H+0.1\text{mm})$
Resolution	0.1mm; 0.01mm (below 100mm)
Ultrasonic Wave Frequency	5MHz
Pipe Measurement	Minimum $\Phi 20\text{mm} \times 3\text{mm}$
Ultrasonic Wave Velocity	1000~9999 m/ s
Measurement Rate	0.6s
Display	4 digits LCD display
Backlight	•
Low Battery Indication	•
Auto Power Off	•
Power	1.5V battery (AAA) x 3
Size	164 x 58 x 29 mm
Weight	~204g (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	-40°C~70°C, -40°F~158°F; 0~80% RH
Power supply	1.5V (AAA) x 3
Dimension/ weight	164(L) x 58(W) x 29(H) mm/ Approx 204g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA8041	Ultrasonic Thickness Gauge	1 Piece
	Probe	1 Piece
	Protective Cover	1 Piece
	Wrist String	1 Piece
	Coupling Paste	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)	3 Pieces
	Protective Carry Case	1 Piece
	Box	1 Piece

6. APPLICATIONS



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