

DATA SHEET

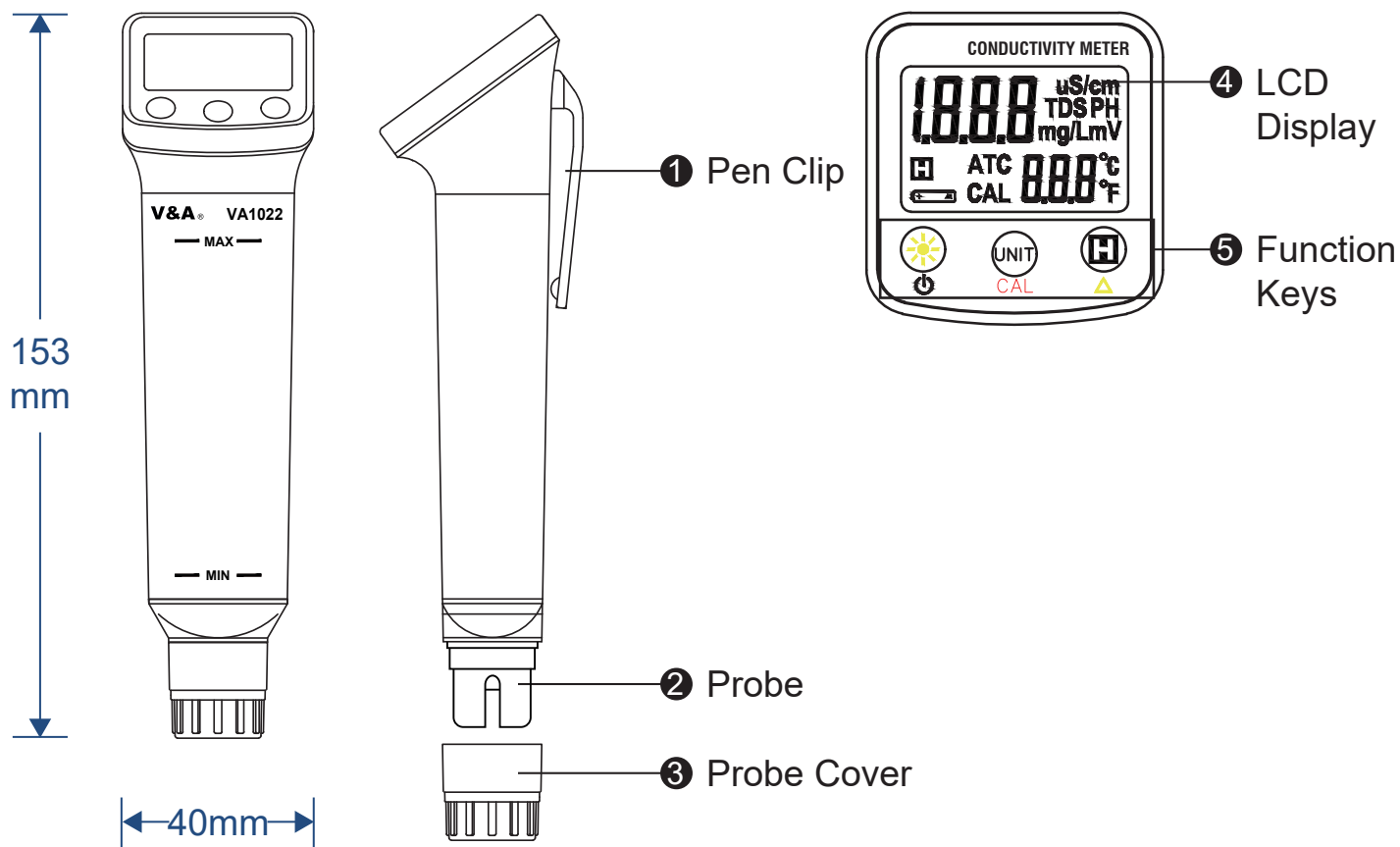
CONDUCTIVITY METER VA1022

PRODUCT HIGHLIGHTS

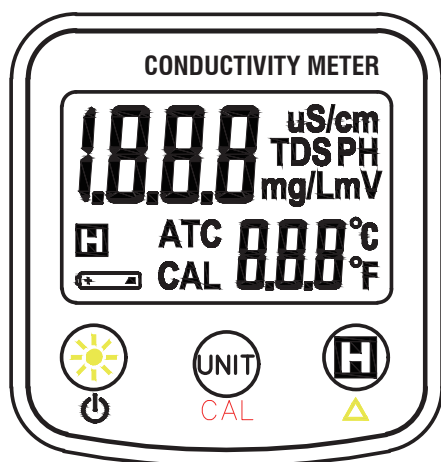


- Adjustable Calibration Points
- Automatic Temperature Compensation (°C & °F)
- Data Hold
- IP65 Ingress Protection
- Pen Clip
- Backlight
- Auto Power Off
- Battery 1.5V (AAA) x 2

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display: 7-segment characters LCD
- Number of digits: 4 digits
- Overflow display: "OL" is displayed
- Sample rate: 3 times/sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA1022	
Conductivity Range	0~1999 $\mu\text{S/cm}$	
Conductivity Accuracy	$\pm 2\%$	
Conductivity Resolution	1 $\mu\text{S/cm}$	
Temperature Range	0°C~70°C / 32°F~158°F (ATC auto temperature compensation)	
Temperature Accuracy	$\pm 0.5^\circ\text{C}$ (1°F)	
Temperature Resolution	0.1°C / 0.1°F	
Adjustable ATC Parameter	0.000~0.999/°C (default 0.020)	
Unit Transfer	TDS (ppm), salt (mg/L)	
Adjustable Unit Transfer	Conductivity → TDS 0.000~0.999, default 0.500	Conductivity → salt 0.000~0.999, default 0.500
Display	4 digits LCD display	
Ingress Protection	IP65	
Data Hold	•	
Backlight	•	
Auto Power Off	About 15 minutes	
Power	1.5V battery (AAA) x 2	
Size	153 x 40 x 42 mm	
Weight	~74g (without battery)	

4. GENERAL SPECIFICATIONS

Function	Value
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/humidity	0°C~70°C, 32°F~158°F; 0~80% RH
Storage temperature/humidity	-20°C~70°C, -4°F~158°F; 0~80% RH
Power supply	1.5V (AAA) x 2
Dimension/weight	153(L) x 40(W) x 42(H) mm/Approx 74g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA1022	Conductivity Meter	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)	2 Pieces
	Cloth Bag	1 Piece
	Box	1 Piece

6. APPLICATIONS



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