

# DATA SHEET

## AUTO RANGE MULTIMETER VA20

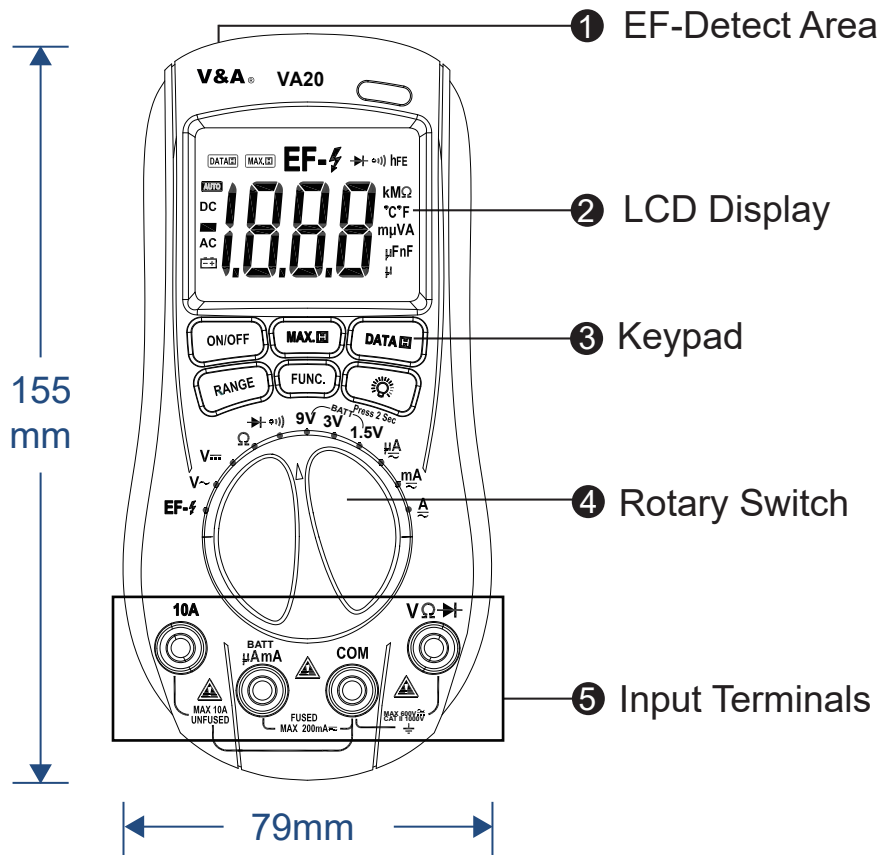
### PRODUCT HIGHLIGHTS



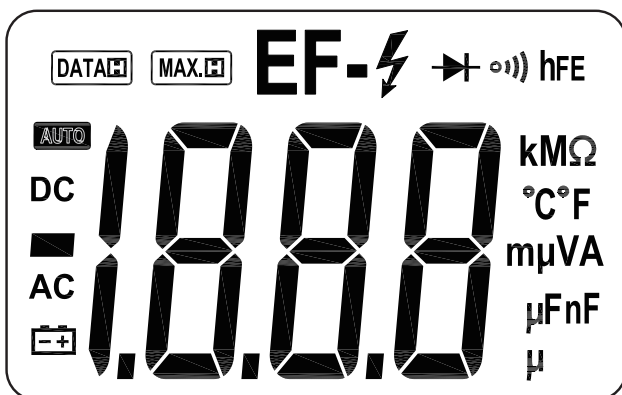
- 1999 Counts Digital Multimeter
- Voltage Measurement up to 600V AC/ DC
- Current Measurement up to 10A AC/ DC
- Resistance Measurement up to 20MΩ
- Non-contact Voltage Detect (NCV)
- MAX
- Battery Test
- Diode Test
- Continuity & Buzzer Indication
- Data Hold
- Low Battery Indication
- Auto Power Off
- Backlight
- Battery 1.5V (AAA) x 3



## 1. PANEL AND CONSTRUCTURE



## 2. LCD AND SYMBOL



- Display/ char. height: 7-segment characters/ 17.7 mm
- Number of digits: 3<sup>1</sup>/<sub>2</sub> / 1999 steps
- Overflow display: "OL" is displayed
- Polarity display: "\_ "displayed automatically
- Sample rate: 3 times/ sec for digital data

## 3. TECHNICAL SPECIFICATIONS

	VA20
DC Voltage	200mV/ 2V/ 20V/ 200V/ 600V±(0.7%+2)
AC Voltage	200mV/ 2V/ 20V/ 200V/ 600V±(1.0%+3)
DC Current	200µA/ 2000µA/ 20mA/ 200mA/ 2A/ 10A±(2.0%+10)
AC Current	200µA/ 2000µA/ 20mA/ 200mA/ 2A/ 10A±(3.0%+10)
Resistance	200Ω/ 2kΩ/ 20kΩ/ 200kΩ/ 2MΩ/ 20MΩ±(1.0%+5)
Battery Test	1.5V/ 3V/ 9V
Display Counts	1999
Safety Rating	CAT III 600V
LCD Size	43.5 x 28.5 mm
NCV	•
MAX	•
Diode Test	•
Continuity Buzzer	•
Data Hold	•
Low Power Indication	•
Auto Power Off	•
Supportive Stand	•
Backlight	•
Power	1.5V (AAA) x 3
Size	155 x 79 x 37 mm
Weight	~204g (without battery)

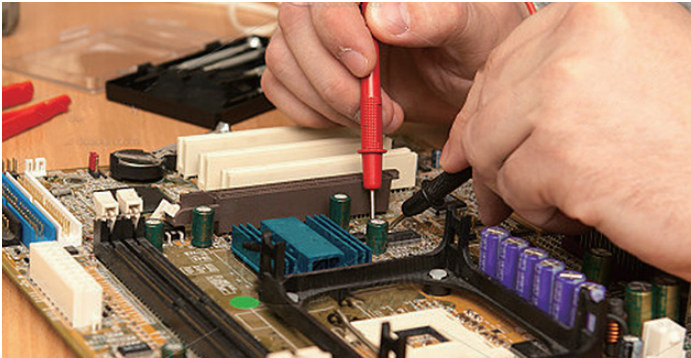
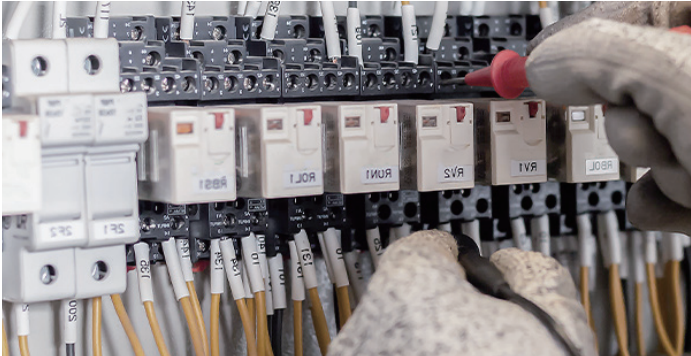
## 4. GENERAL SPECIFICATIONS

Function	Value
Electrical protection class	CAT III 600 V
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	0°C~40°C, 32°F~104°F (<80% RH, non-condensing)
Storage temperature/ humidity	-10°C~60°C, 14°F~140°F (<80% RH, battery removed)
Typical temperature coefficient	0.1 x (specified accuracy) / °C (<18°C or >28°C)
Low battery indicator	The "⎓" is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Safety LVD	EN 61010-1 EN 61010-031 EN 61010-033
Fuse	μA and mA: F 250mA/ 250V Φ5 x 20
Power supply	1.5V (AAA) x 3
Dimension/ weight	155(L) x 79(W) x 37(H) mm/ Approx 204g (without battery)

## 5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA20	Digital Multimeter	1 Piece
	Test Leads	1 Set
	User Manual	1 Piece
	Battery 1.5V (AAA)	3 Pieces
	Box	1 Piece

## 6. APPLICATIONS



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