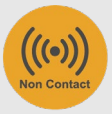
DATA SHEET

AUTO RANGE MULTIMETER – VA40 / VA40R / VA40BT

PRODUCT HIGHLIGHTS













- 5999 Counts Digital Multimeter
- Voltage Measurement up to 1000V AC/DC
- Current Measurement up to 10A AC/DC
- Resistance Measurement up to 60MΩ
- True RMS
- Non-contact Voltage Detect (NCV)
- MAX/MIN
- Relative Measurement
- Data Interface (Model Dependent) : USB/Bluetooth
- Duty Cycle
- Continuity Buzzer & Diode Test
- Data Hold
- Low Battery Indication
- Auto Power Off
- Backlight
- Battery 9V (6F22) x1

































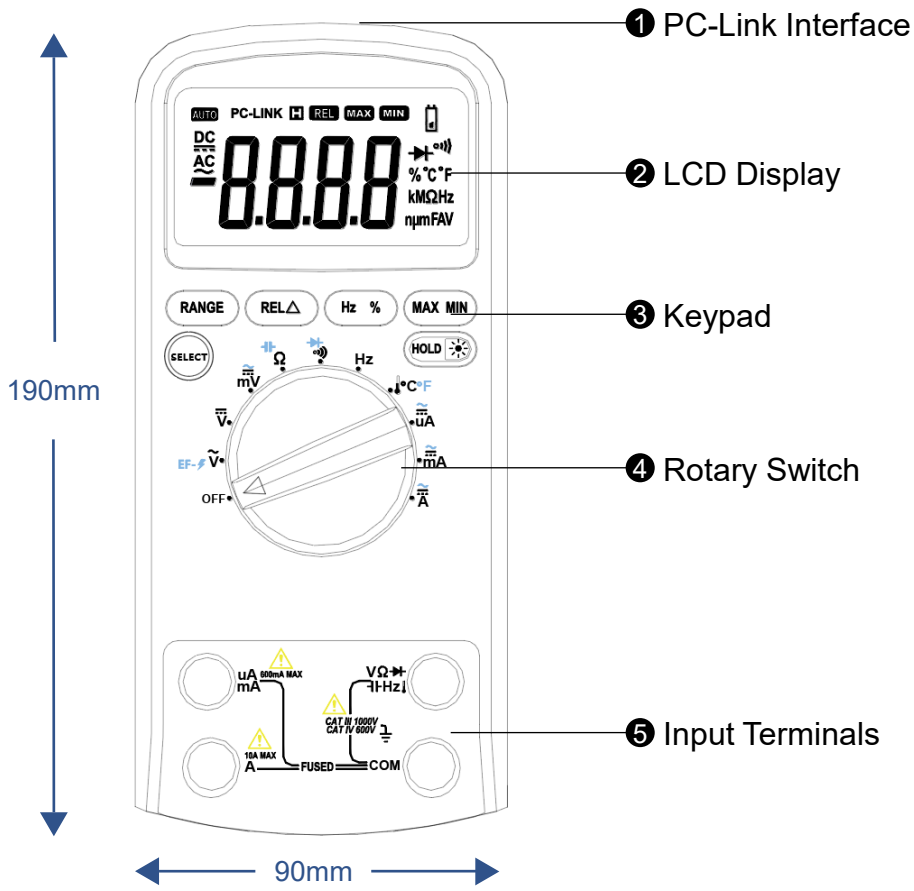




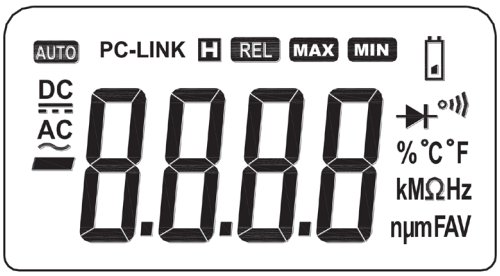




1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/21.3mm
- Display counts: 5999
- Overflow display: "OL" is displayed
- Polarity display: "_" displayed automatically
- Sample rate: 3 times/sec for digital data

3. AUTO RANGE MULTIMETER SELECTION GUIDE

	VA40	VA40R	VA40BT
DC Voltage	600mV/6V/60V/600V/1000V ± (1.0%+2)		
AC Voltage	600mV/6V/60V/600V/1000V ± (1.5%+5)		
DC Current	600μA/6000μA/60mA/600mA/6A/10A ± (1.5%+5)		
AC Current	600μA/6000μA/60mA/600mA/6A/10A ± (3%+8)		
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ ± (1.5%+5)		
Capacitance	60nF/60nF/600nF/6μF/60μF/600μF/6mF (5.0%+20)		
Logic Frequency	1Hz~1MHz ± (0.1%+3)		
Linear Frequency	6Hz~10kHz ± (0.05%+8)		
Temperature	-200° C~1200° C ± (2.0%+2)		
Display Counts	5999		
Safety Rating	CAT IV 600V & CAT III 1000V		
LCD Size	64 x 33.5mm		
Duty Cycle	●	●	●
True RMS & NCV	●	●	●
MAX/MIN	●	●	●
Relative Measurement	●	●	●
USB Interface	○	●	○
Continuity Buzzer	●	●	●
Diode Test	●	●	●
Data Hold	●	●	●
Low Battery Indication	●	●	●
Auto Power Off	●	●	●
Backlight	●	●	●
Supportive Stand	●	●	●
Auto/Manual Range	●	●	●
Bluetooth*	○	○	●
Power	Battery 9V (6F22)x1		
Size	190 x 90 x42mm		
Weight	~412g (without battery)		

*VA40BT Bluetooth Mode:

1. Bluetooth SPP mode, supports IOS and Windows PC-LINK software on PC.
2. Bluetooth BLE mode, supports Windows PC, Android and IOS browsers.

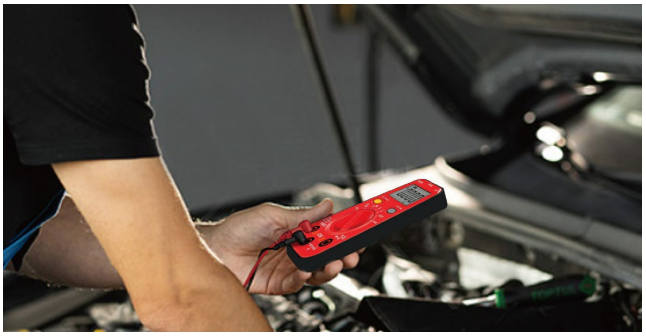
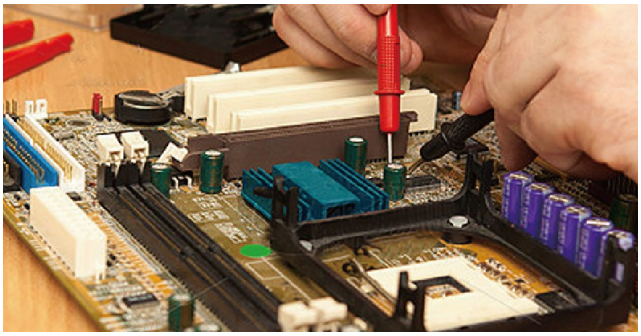
4. GENERAL SPECIFICATIONS

Function	Value
Electrical Protection Class	CAT IV 600V & CAT III 1000V
Pollution Degree	2
Operating Altitude	<2000m
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	0.1x (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 0.63mA/1000V Φ10.3x38mm A: F 10A/600V Φ10.3x38mm
Power Supply	Battery 9V (6F22) x1
Dimension/Weight	190(L) x 90(W) x 42(H) mm / Approx 412g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA40 VA40R VA40BT	Digital Multimeter	1 Piece
	Test Leads	1 Set
	K-Type Thermocouple	1 Piece
	Multi-function Socket (Optional)	1 Piece
	USB Cable (Only 40R)	1 Piece
	PC-Link Software CD (Only 40R)	1 Piece
	User Manual	1 Piece
	Battery 9V (6F22)	No included
	Carry Bag	1 Piece
	Box	1 Piece

6. APPLICATIONS


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*Datasheet subject to change without notice