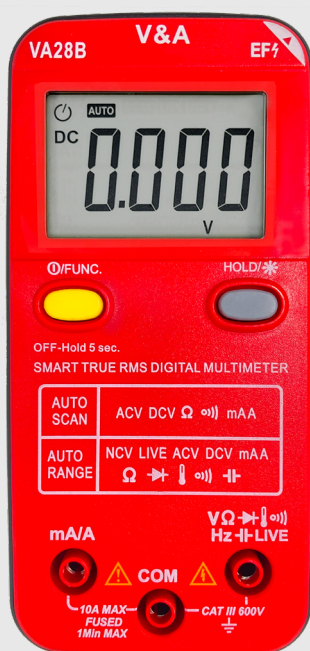


DATA SHEET

NEW POCKET MULTIMETER VA28A/ VA28B/ VA28C/ VA29B

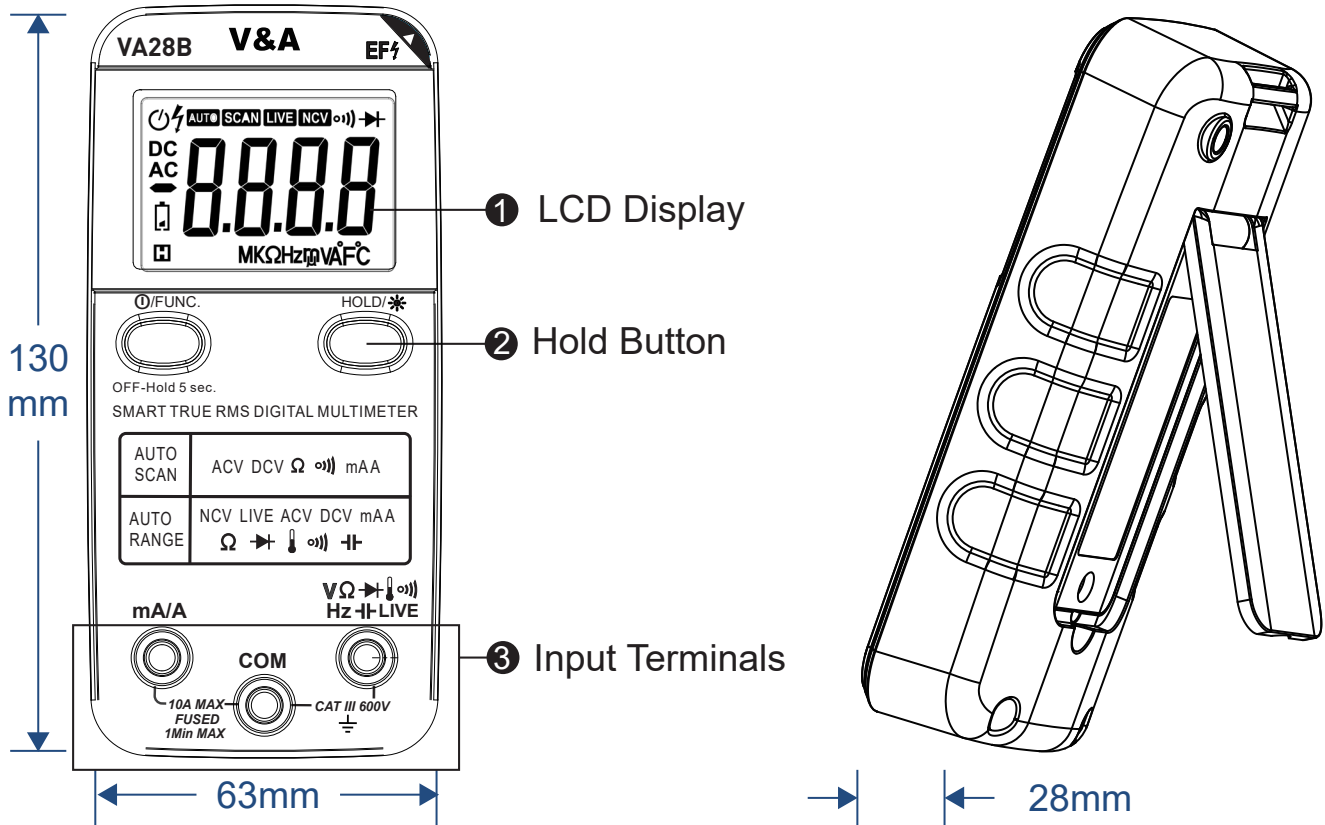
PRODUCT HIGHLIGHTS



- 3999 Counts Smart Digital Multimeter
- Voltage Measurement up to 600V AC/ DC
- Current Measurement up to 10A AC/ DC (Model Dependent)
- Resistance Measurement up to 40MΩ
- True RMS
- Non-contact Voltage Detect (NCV)
- LIVE Test
- Mis-plug Alarm
- Diode Test
- Continuity & Buzzer Indication
- Auto Hold
- Overload Protection
- Low Battery Indication
- Auto Power Off
- Backlight/ Torch
- Battery 1.5V AAA x 2/ Li-battery (Model Dependent)



1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL




- Display/ char. height: 7-segment characters/ 17 mm
- Number of digits: 3¾ / 3999 steps
- Overflow display: "OL" is displayed
- Polarity display:
 - "_"(minus sign) is displayed if plus pole is connected to "⊥"
- Sample rate: 3 times/ sec for digital data

3. NEW POCKET MULTIMETER SELECTION GUIDE

	VA28A	VA28B	VA28C	VA29B
Auto Range	ACV/ DCV/ Resistance/ Continuity/ Diode/ Temperature/ Capacitance/ NCV/ LIVE/ mA/ A			ACV/ DCV/ Resistance/ Continuity/ Diode/ Temperature / Capacitance/ NCV/ LIVE
Auto Scan	V/ R/ CONT/ A			V/ R/ CONT
DC Voltage	4V/ 40V/ 400V/ 600V±(0.5%+3)			
AC Voltage	4V/ 40V/ 400V/ 600V±(1.0%+3)			
DC Current	40mA/ 400mA/ 1A±(1.0%+3)	4000mA/ 10A±(1.5%+3)		-
AC Current	40mA/ 400mA/ 1A±(1.5%+3)	4000mA/ 10A±(2.0%+3)		-
Resistance	400Ω/ 4kΩ/ 40kΩ/ 400kΩ/ 4MΩ/ 40MΩ±(1.5%+3)			
Capacitance	4nF/ 40nF/ 400nF/ 4μF/ 40μF/ 400μF/ 4mF±(3.0%+5)			
Linear Frequency	40Hz/ 400Hz/ 4kHz±(0.5%+3)			
Temperature	-200°C~1200°C±(2.0%+3)			
Display Counts	3999			
Safety Rating	CAT III 600V			
LCD Size	44 x 30 mm			
True RMS	●			
NCV	●			
LIVE Test	●			
Current Plug-in Detect	●			
Continuity Buzzer	●			
Diode Test	●			
Auto Hold	●			
Low Power Indication	●			
Auto Power Off	●			
Supportive Stand	●			
Backlight	●			
Torch	●			
Red Alarm Backlight	●			
Power	1.5V battery (AAA) x 2		Li battery	1.5V battery (AAA) x 2
Size	130 x 63 x 28 mm			
Weight	~120g (without battery)			

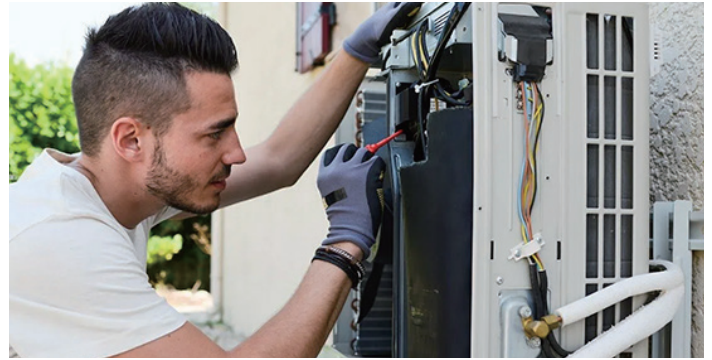
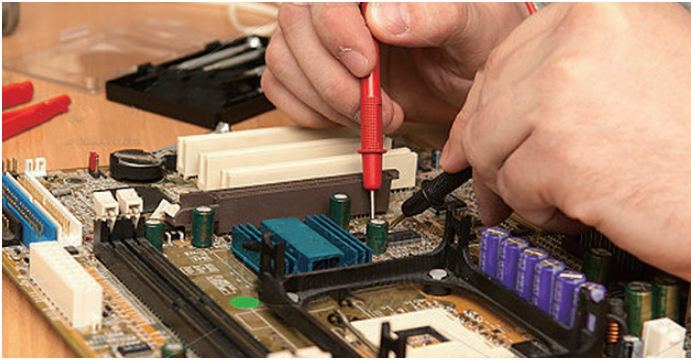
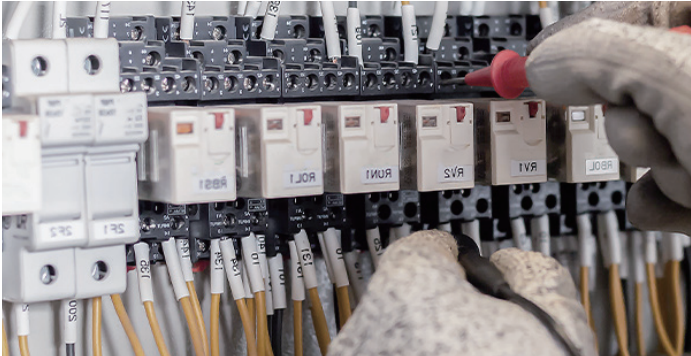
4. GENERAL SPECIFICATIONS

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, <10°C 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	1A model:F 1A/ 600V Ø6x30 (Quick Acting) 10A model:F 10A/ 600V Ø6x30 (Quick Acting)
Power supply	AAA x 2 Pieces
Dimension/ weight	130(L) x 63(W) x 28(H) mm/ Approx 120g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA28A/ VA28B/ VA28C/ VA29B	Digital Multimeter	1 Piece
	Test Leads	1 Set
	Temperature Sensor	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)/ Li-battery (VA28C)	2 Pieces 1 Piece
	Box	1 Piece

6. APPLICATIONS



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Shanghai VA Instrument Co., Ltd.

Factory

Add: Area A/ D, 4th floor, Building 22,
258 Yinlong Road, Waigang Town,
Jiading District, Shanghai 201814, China

Tel: +86-21-69521064

Email: sales@vainstruments.com

R&D Center

Add: Room 901-8, Building 1, Rongchuang Xihuan
Center, Lane 77, Tingxueyuan Road, Nanxiang
Town, Jiading District, Shanghai 201802, China

Tel: +86-021-31211820

Email: tech@vainstruments.com