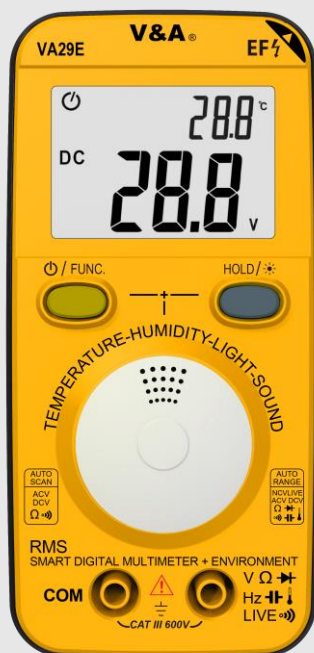


DATASHEET



ENVIRONMENTAL MULTIMETER – VA29E

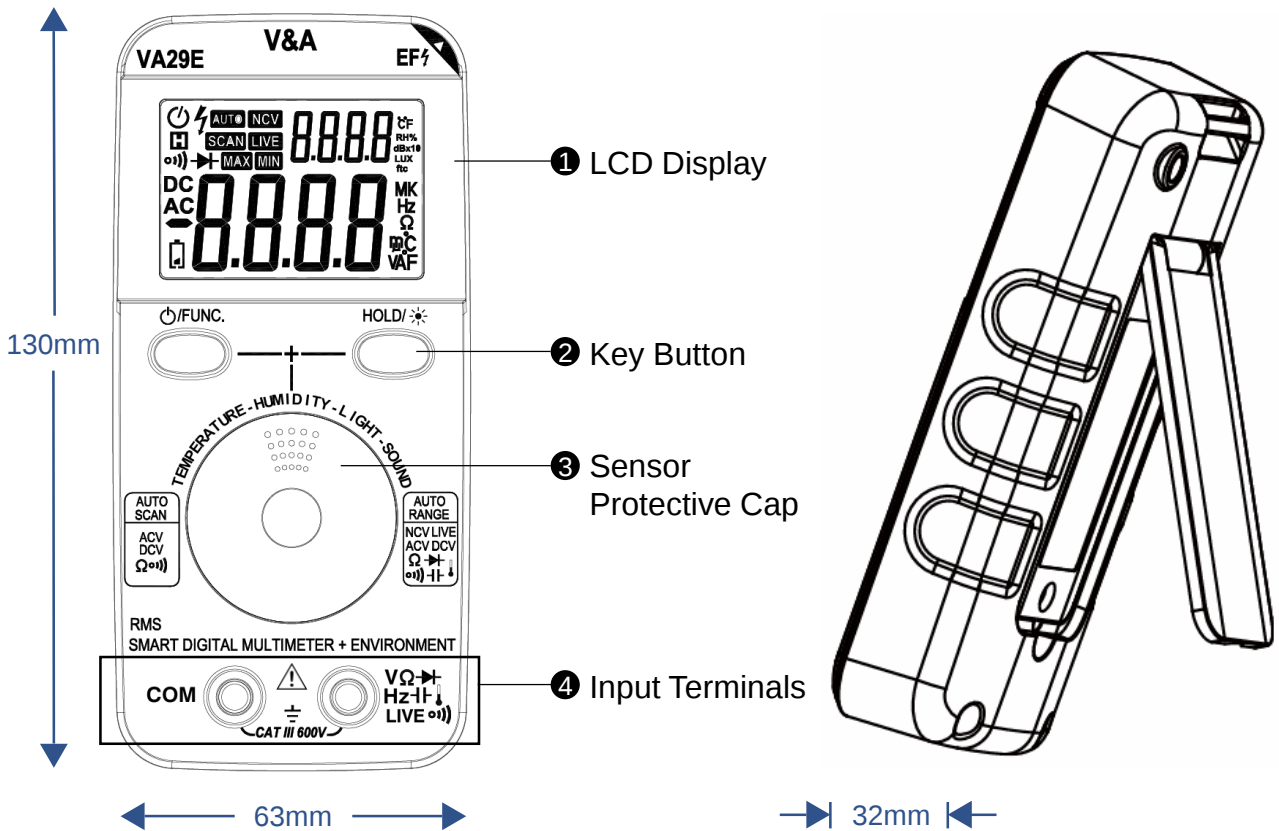
PRODUCT HIGHLIGHTS



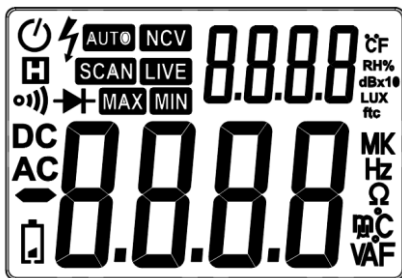
- 3999 Counts Digital Multimeter
- Voltage Measurement up to 600V AC/DC
- Resistance Measurement up to 40MΩ
- True RMS
- Non-contact Voltage Detect (NCV)
- LIVE Test
- Continuity Buzzer
- Diode Test
- Data Hold
- Low Battery Indication
- Auto Power Off
- Backlight
- Battery 1.5V (AAA) x2



1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/17 mm
- Display counts: 3999
- Overflow display: "OL" or "-OL" is displayed
- Polarity display: "-" displayed automatically
- Sample rate: 3 times/sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA29E
Auto Range	ACV/DCV/Resistance/Continuity/Diode/ Capacitance/Temperature/NCV/LIVE
Auto Scan	ACV/DCV/Resistance/Continuity
DC Voltage	4V/40V/400V/600V $\pm$ (0.5%+3)
AC Voltage	4V/40V/400V/600V $\pm$ (1.0%+3)
Resistance	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω $\pm$ (1.5%+3)
Capacitance	4nF/40nF/400nF/4 μ F/40 μ F/400 μ F/4mF $\pm$ (3.0%+5)
Logic Frequency	40Hz/400Hz/4kHz $\pm$ (0.5%+3)
Thermocouple Temperature	-200°C~1200°C $\pm$ (2.0%+3)
Ambient Temperature	0°C~50°C $\pm$ (2.5°C)
Humidity	0%~100% $\pm$ 10%RH
Sound Level	45dB~100dB $\pm$ (8.0dB at 94dB)
Light	4000Lux/40000Lux $\pm$ (8.0%+50)
Display Counts	3999
Safety Rating	CAT III 600V
LCD Size	44 x 30mm
True RMS	●
NCV	●
LIVE Test	●
Continuity Buzzer	●
Diode Test	●
Data Hold	●
Low Battery Indication	●
Auto Power Off	●
Backlight	●
Power	Battery 1.5V (AAA) x2
Size	130 x 63 x 32mm
Weight	~120g (without battery)

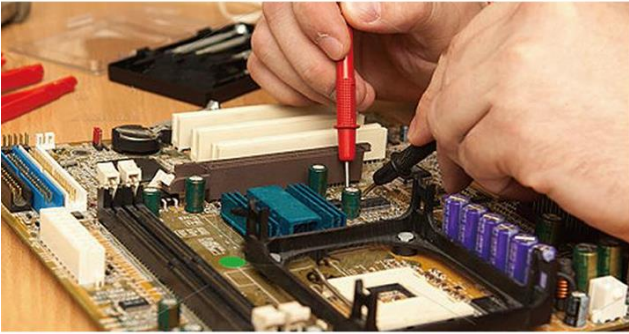
4. GENERAL SPECIFICATIONS

Function	Value
Electrical Protection Class	CAT III 600V
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~50°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
Power Supply	Battery 1.5V (AAA) x2
Dimension/Weight	130(L) x 63(W) x 32(H) mm / Approx. 120g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA29E	Digital Multimeter	1 Piece
	Test Leads	1 Set
	K-Type Thermocouple	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)	2 Pieces
	Box	1 Piece

6. APPLICATIONS



For more information about V&A products
Please visit our website:

www.vainstruments.com

Join US at Facebook and LinkedIn!



Shanghai VA Instrument Co., Ltd.

Tel: +86-21-69521064

Email: sales@vainstruments.com

Factory

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

R&D Center

Add: 8th Floor, Building 19,
258 Yinlong Road, Waigang Town,
Jiading District, Shanghai, China