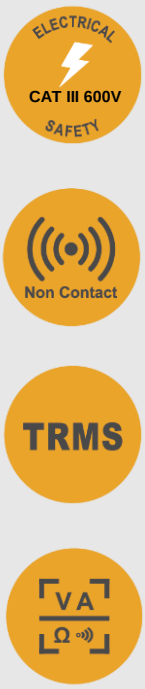
DATASHEET

SMART CLAMP METER - VA340A / VA340D

PRODUCT HIGHLIGHTS



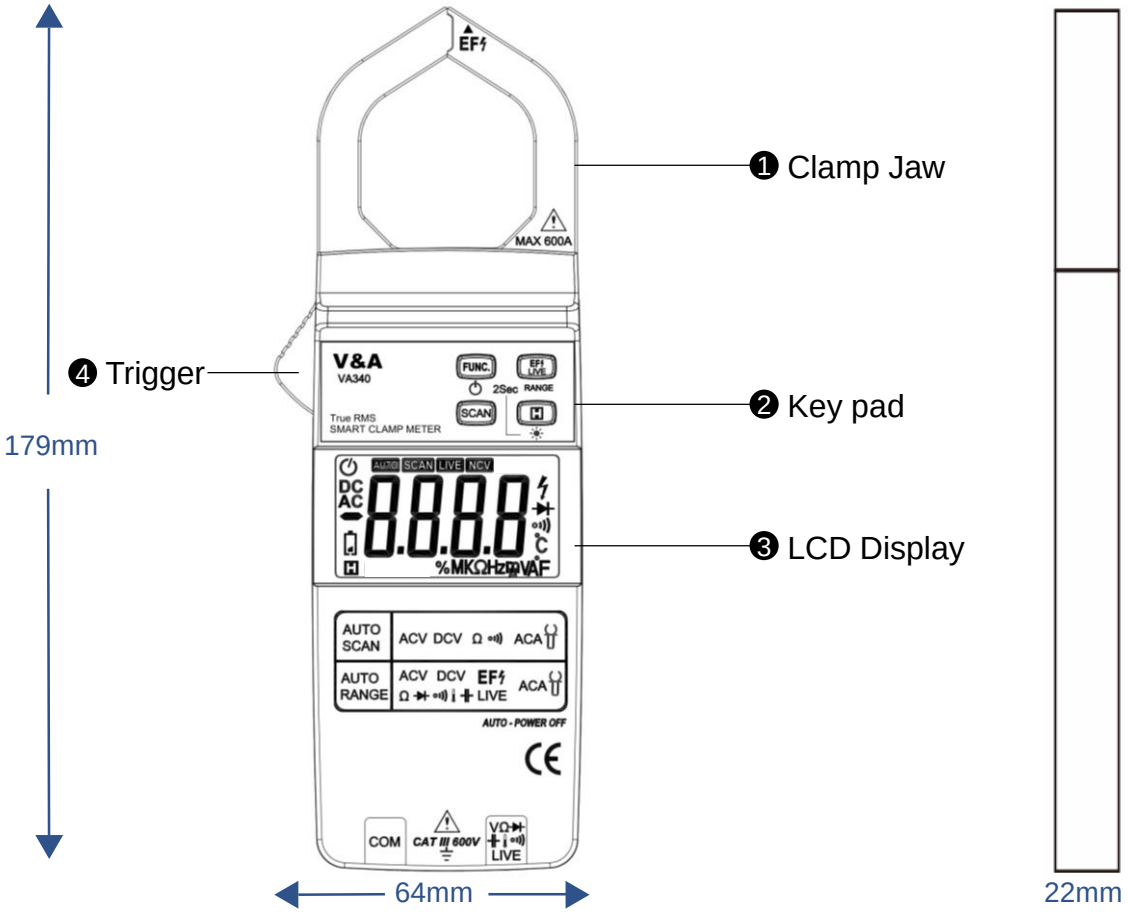


- 5999 Counts Digital AC Clamp Meter
- Voltage Measurement up to 600V AC/DC
- Current Measurement up to 600A AC
- Current Measurement up to 600A DC (Model Dependent)
- Resistance Measurement up to 60MΩ
- True RMS
- Non-contact Voltage Detect (NCV)
- Diode Test
- Continuity Buzzer
- Live Detect
- Data Hold
- Low Battery Indication & Auto Power Off
- Backlight & Torch
- Battery 1.5V (AAA) x2

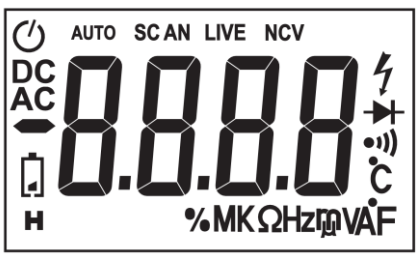


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1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/15 mm
- Display counts: 5999
- 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. SMART CLAMP METER SELECTION GUIDE

	VA340A	VA340D
DC Voltage	6V/60V/600V	
AC Voltage	6V/60V/600V	
DC Current	-	60A/600A
AC Current	60A/600A	
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	
Capacitance	10nF/100nF/1000nF/10μF/100μF/1000μF/10mF/100mF	
Logic Frequency	10Hz/100Hz/1000Hz/10kHz/100kHz/1000kHz	
Linear Frequency	10Hz/100Hz/1000Hz/10kHz/100kHz	
Frequency from Clamp	40Hz~1kHz	
Temperature	-200°C~1200°C	
Display Counts	5999	
Safety Rating	CAT III 600V	
LCD Size	46 x 25mm	
Max. Jaw Opening	Φ22mm	
True RMS	●	
NCV	●	
Live Test	●	
Continuity Buzzer	●	
Diode Test	●	
Data Hold	●	
Low Power Indication	●	
Auto Power Off	●	
Backlight	●	
Torch	●	
Auto Scan	●	
Auto Range	●	
Power	Battery 1.5V (AAA) x2	
Size	179 x 64 x 22mm	
Weight	~100g (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~60°C, 14°F~140°F (<80%RH, battery removed)
Typical Temperature Coefficient	0.1x (specified accuracy) / (<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 61010-032
Power Supply	Battery 1.5V (AAA) x2
Dimension/Weight	179(L) x 64(W) x 22(H) mm/Approx 100g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA340A VA340D	Clamp Meter	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









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*Datasheet subject to change without notice