

Clamp meters

VE 2608

Digital clamp meter to measure voltage (AC/DC), current (AC/DC), resistance, frequency, diodes, continuity and capacity.



- Alternating current and voltage measurements (TRMS), direct voltage and current, resistance, frequency and capacity
- Diode test
- LCD display: 3 3/4, max reading 4000
- Bargraph 42 segments, 20 mis./s
- Autorange
- Polarity: automatic with negative polarity indication (-)
- Out of scale and flat batteries indication
- Zero regulation: automatic
- Measurement speed: 0.5 s (1 s for frequency and capacity measurements)
- Data Hold
- PEAK function (A AC)
- MAX - MIN function
- Key "Ø" for relative measurements
- Continuity acoustic signal
- Operating temperature: 0 ÷ +50 °C (<70% RH)
- Storage temperature: -20 °C ÷ +60 °C (< 80% RH)
- Power supply: 9 V battery (duration 100 h)
- Self-quenching after 30 min of inactivity
- Weight: 500 g
- Lead dimensions: Ø 57 mm - 70x18 mm
- Standard accessories: measurement points, battery, sheath, instructions for use
- Optional accessories: case (mod. CP 26)

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Function	Capacity	Reading precision	Resolution	Input imp.	Protection
Voltage (50 Hz ÷ 500 Hz) (TRMS - autorange)	AC	400 mV 40 mV ÷ 400 mV 50 Hz ÷ 100 Hz	± (1.5% rdg + 4 dgt)	100 µV	> 1000 MΩ - 100 pF 750 V
		4 V	± (1.5% rdg + 4 dgt)	1 mV	11 MΩ - 100 pF 750 V
		40 V	± (1.5% rdg + 4 dgt)	10 mV	10 MΩ - 100 pF 750 V
		400 V	± (1.5% rdg + 4 dgt)	100 mV	10 MΩ - 100 pF 750 V
		750 V	± (1.5% rdg + 4 dgt)	1 V	10 MΩ - 100 pF 750 V
Voltage	DC	400 mV 4 V 40 V 400 V 1000 V	± (0.5% rdg + 1 dgt)	100 µV 1 mV 10 mV 100 mV 1 V	> 1000 MΩ - 100 pF 1000 V 1000 V 1000 V 1000 V
		100 Hz (1 Hz ÷ 100 Hz)	± (0.1% rdg + 10 dgt)	0.01 Hz	500 V
		1 kHz	± (0.1% rdg + 4 dgt)	0.1 Hz	500 V
		10 kHz	± (0.1% rdg + 4 dgt)	1 Hz	500 V
		100 kHz	± (0.1% rdg + 8 dgt)	10 Hz	500 V
	400 kHz	± (0.1% rdg + 20 dgt)	100 Hz	500 V	

Code	Model	Description
VP128300	VE 2608	Digital clamp meter

MEASUREMENT AND CONTROL

GENERAL CHARACTERISTICS

Function	Capacity	Reading precision	Resolution	Input imp.	Protection
Current (TRMS)	AC	400 A (50 Hz ÷ 60 Hz)	± (1.5% rdg + 5 dgt)	0.1 A	2000 A (60 s)
		(61 Hz ÷ 400 Hz)	± (3% rdg + 5 dgt)	0.1 A	2000 A (60 s)
	1500 A	0 ÷ 600 A			2000 A (60 s)
		(50 Hz ÷ 60 Hz)	± (1.5% rdg + 5 dgt)	1 A	2000 A (60 s)
		(61 Hz ÷ 400 Hz)	± (3% rdg + 5 dgt)	1 A	2000 A (60 s)
		600 A ÷ 1000 A		1 A	2000 A (60 s)
		(50 Hz ÷ 60 Hz)	± (2% rdg + 5 dgt)	1 A	2000 A (60 s)
		(61 Hz ÷ 400 Hz)	± (3.5% rdg + 5 dgt)	1 A	2000 A (60 s)
		1000 A ÷ 1500 A		1 A	2000 A (60 s)
		(50 Hz ÷ 400 Hz)	± (5.0% rdg + 5 dgt)	1 A	2000 A (60 s)
Current	DC	400 A	± (1.5% rdg + 5 dgt)	0.1 A	2000 A (60 s)
		2000 A		0.1 A	2000 A (60 s)
		0 ÷ 600 A	± (1.5% rdg + 5 dgt)	0.1 A	2000 A (60 s)
		600 A ÷ 800 A	± (2.5% rdg + 5 dgt)	0.1 A	2000 A (60 s)
		800 A ÷ 1200 A	± (3.5% rdg + 5 dgt)	0.1 A	2000 A (60 s)
	1200 A ÷ 2000 A	± (5% rdg + 5 dgt)	0.1 A	2000 A (60 s)	

Function	Capacity	Reading precision	Resolution	Input imp.	Protection
Capacity (autorange)		4 nF	± (1.5% rdg + 40 dgt)	0.001 nF	500 V
		40 nF	± (1.5% rdg + 4 dgt)	0.01 nF	500 V
		400 nF	± (1.5% rdg + 4 dgt)	0.1 nF	500 V
		4 µF	± (1.5% rdg + 4 dgt)	0.001 µF	500 V
		40 µF	± (1.5% rdg + 4 dgt)	0.01 µF	500 V
Resistance (autorange)	Ω	400 Ω	± (1.2% rdg + 4 dgt)	0.1 Ω	500 V
		4 k Ω	± (1.0% rdg + 2 dgt)	1 Ω	500 V
	k Ω	40 k Ω	± (1.0% rdg + 2 dgt)	10 Ω	500 V
		400 k Ω	± (1.0% rdg + 2 dgt)	100 Ω	500 V
		4000 M Ω	± (1.5% rdg + 4 dgt)	1 k Ω	500 V
	40 M Ω	± (2.0% rdg + 4 dgt)	10 k Ω	500 V	
Continuity	(••)	400 Ω (acoustic signal < 40 Ω)			

REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2004/108/EC (E.M.C.)
is declared with reference to the following standards: • Safety: EN 61010-1 / EN 61010-2-031 • E.M. Compatibility: EN 61000-6-1 / EN 55011-3