

Digital tester to measure electric measurements: direct and alternating voltage, direct and alternating current, resistance, frequency and capacity.



- LCD display: 3 ½ digits, max reading 3999
- Autoranging (frequency)
- Polarity: automatic with negative polarity indication (-)
- Out of scale indication
- Flat battery indication
- Self-quenching after 45 min of inactivity
- Diode and transistor test
- TTL and CMOS logic level measurement
- Continuity acoustic signal
- MAX function
- Double insulation
- I.W.B. acoustic warning device for current bushings connection by voltage selection
- Measurement speed: 0.4 s
- Operating temperature: 0 ÷ +50 °C (<70% RH)
- Storage temperature: -20 °C ÷ +60 °C (<80% RH)
- Power supply: 9 V battery
- Battery duration: 300 h
- Fuses: 0.5 A / 600 V and 20 A / 600 V rapid
- Rotative change-over switch: 30 positions
- Weight: 320 g
- Standard accessories: measurement points, battery, case, instructions for use
- Continuity acoustic signal for R < 150 Ω

Code	Model	Description
VP001200	VE 8020	Digital tester Volt DC/AC Amp DC/AC - Resistance - Frequency - Capacity

Function	Capacity	Reading precision	Resolution	Input imp.	Protection	
Voltage	DC	400 mV	± (0.5% rdg + 1 dgt)	100 μV	20 MΩ	500 V DC / 350 V AC 15 s
		4 V / 40 V / 400 V / 1000 V	± (0.5% rdg + 1 dgt)	1 mV / 10 mV / 100 mV / 1 V	20 MΩ	1000 V DC / 750 V AC
Voltage	AC	400 mV	± (1.2% rdg + 3 dgt)	100 μV /	20 MΩ	500 V DC / 350 V AC 15 s
		4 V / 40 V / 400 V	± (1.2% rdg + 3 dgt)	1 mV / 10 mV / 100 mV	20 MΩ	1000 V DC / 750 V AC
		750 V	± (2.0% rdg + 3 dgt)	1 V	20 MΩ	1000 V DC / 750 V AC
Current	DC	40 mA / 400 mA	± (1.0% rdg + 1 dgt)	10 μA / 100 μA		500 mA / 600 V
		20 A (30 s)	± (3.0% rdg + 3 dgt)	10 mA		20 A / 600 V (30 s)
Current	AC	40 mA / 400 mA	± (1.5% rdg + 4 dgt)	10 μA / 100 μA		500 mA / 600 V
		20 A (30 s)	± (3.5% rdg + 4 dgt)	10 mA		20 A / 600 V (30 s)
Resistance	Ω	400 Ω	± (1.5% rdg + 3 dgt)	0.1 Ω		500 V
		4-40-400 kΩ / 4 MΩ	± (0.75% rdg + 4 dgt)	1 Ω / 10 Ω / 100 Ω / 1 kΩ		500 V
		40 MΩ	± (2.0% rdg + 5 dgt)	10 kΩ		500 V
Frequency		4 kHz / 40 kHz / 400 kHz / 4000 kHz	± (0.1% rdg + 4 dgt)	1 Hz / 10 Hz / 100 Hz / 1 kHz		500 V
Capacity		4 nF / 40 nF / 400 nF / 4 μF / 40 μF	± (3.0% rdg + 10 dgt)	1 pF / 10 pF / 100 pF / 1 nF / 10 nF		-
Logic TTL		Logic 1 (Hi): 2.8 V ± 0.8 V				
		Logic 0 (Lo): 0.8 V ± 0.5 V				

## 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 61000-6-4 / EN 61000-6-1