

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



- Measurements in TRMS
- LCD display: 4 ½ digits, max reading 19999
- Polarity: automatic with negative polarity indication (-)
- Out of scale indication
- Flat battery indication
- Self-quenching after 45 min of inactivity
- Diode test
- TTL logic level measurement:
 - Logic 1 (HI): 2.8 V ± 0.8 V, • Logic 2 (LO): 0.8 V ± 0.5 V
- Continuity acoustic signal
- Data Hold
- 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: 330 g
- Standard accessories: measurement points, battery, case, instructions for use
- Continuity acoustic signal for R < 150 Ω

Code	Model	Description
VP003800	VE 8050	Digital tester Volt DC/AC Amp DC/AC - Resistance - Frequency

Function	Capacity	Reading precision	Resolution	Input imp.	Protection	
Voltage	DC	200 mV	± (0.05% rdg + 3 dgt)	10 µV	10 MΩ	500 V DC / 350 V AC 15 s
		2 V / 20 V / 200 V	± (0.05% rdg + 3 dgt)	100 µV / 1 mV / 10 mV	10 MΩ	1000 V DC / 750 V AC
		1000 V	± (0.05% rdg + 3 dgt)	100 mV	10 MΩ	1000 V DC / 750 V AC
Voltage 50 Hz...2 kHz TRMS	AC	200 mV (50 Hz / 500 Hz)	± (1.0% rdg + 10 dgt)	10 µV	10 MΩ	500 V DC / 350 V AC
		(500 Hz ÷ 2 kHz)	± (2.0% rdg + 20 dgt)	10 µV	10 MΩ	500 V DC / 350 V AC
		2 V / 20 V (50 Hz / 500 Hz)	± (1.0% rdg + 10 dgt)	100 µV / 1 mV	10 MΩ	1000 V DC / 750 V AC
		(500 Hz ÷ 2 kHz)	± (2.0% rdg + 20 dgt)	100 µV / 1 mV	10 MΩ	1000 V DC / 750 V DC
		200 V (50 Hz / 500 Hz)	± (1.0% rdg + 10 dgt)	10 mV	10 MΩ	1000 V DC / 750 V AC
		(500 Hz ÷ 2 kHz)	± (2.0% rdg + 20 dgt)	10 mV	10 MΩ	1000 V DC / 750 V AC
Current	DC	200 µA	± (0.5% rdg + 5 dgt)	10 nA		500 mA / 600 V
		2 mA / 20 mA / 200 mA	± (0.5% rdg + 5 dgt)	100 nA / 1 µA / 10 µA		500 mA / 600 V
		20 A (20 s)	± (2.0% rdg + 10 dgt)	1 mA		20 A / 600 V (20 s)
Current 50 Hz ... 1 kHz TRMS	AC	200 µA	± (0.8% rdg + 10 dgt)	10 nA		500 mA / 600 V
		2 mA / 20 mA / 200 mA	± (0.8% rdg + 10 dgt)	100 nA / 1 µA / 10 µA		500 mA / 600 V
		20 A (20 s)	± (2.5% rdg + 10 dgt)	1 mA		20 A / 600 V (20 s)
Resistance	Ω	200 Ω	± (0.25% rdg + 10 dgt)	10 mΩ		500 V
		2-20-200 kΩ	± (0.15% rdg + 3 dgt)	0.1 Ω / 1 Ω / 10 Ω		500 V
		2 MΩ	± (0.25% rdg + 10 dgt)	100 Ω		500 V
		20 MΩ	± (1.0% rdg + 10 dgt)	1 kΩ		500 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