



ENGLISH

Datasheet

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RS PRO IVT-20 Voltage Tester LCD



Feature:

- 2 pole tester with 2000 count digital display
- Auto Sensing of ACV, DCV, Ω , Continuity and Diode
- Integrated single pole test for phase detection
- Rotary field indication
- Dual Display for ACV measuring with Frequency
- AC/DC 750V capability
- 2K Ω Resistance capability
- 1KHz Frequency Counter
- Continuity Beeper
- Self-Test
- IP65-water-jet and dust-tight protection for outdoor use
- Compact design with convenient battery door
- CAT. IV 600V /CAT. III 750V Safety Standard

Specifications: (All at 23°C±5°C, ≤80% R.H.)

Voltage Test

Range	LCD Resolution	Accuracy
12V~750V AC/DC	1V	AC:±(1.3%+5dgt) DC:±(1.0%+2dgt)

Voltage detection: Automatic

Polarity Detection: Full range

Response Time: <0.1s/BAR, <2s/RDG

Frequency Range: DC, 45~65Hz

Auto Power On: >12V AC/DC

Resistance Test

Range	Resolution	Accuracy
0~2KΩ	1Ω	±(2%+2dgt)

Frequency Test

Range	Resolution	Accuracy
1Hz~999Hz	1Hz	±(0.3%+5dgt)

Continuity Test

Threshold: <200Ω

Diode Test

Range: 0.3~0.9V

Resolution: 0.1V

Overvoltage Protection: 750V AC/DC

Single-Pole Phase Test


Voltage Range	Frequency Range
100V~750V	45Hz~65Hz

Rotary Field Indication

Voltage Range	Frequency Range
100V~750V	50Hz~60Hz

Measurement Principle: Double-pole and firmly hold the grip (L2)

General:

Sampling Rate:	10 times/sec
Low Battery Indication:	
Overload Indication:	OL is displayed
Auto Power Off:	Approx. 20sec after last operation
Operating Temperature:	0°C~50°C (≤85% R.H.)
Storage Temperature:	-20°C~60°C
Temperature Coefficient:	0.2×(spec. Acc'y)/°C <18°C, >28°C
Shock Proof:	1 meter drops
Safety:	IEC 61010-1: CAT.VI 600V, CAT.III 750V
Power Requirement:	Two 1.5V Alkaline type AAA batteries
Battery Life:	200hours(Alkaline)
Size:	68mm(W)×239mm(L)×29mm(H)
Weight:	220g
Accessories:	Battery (installed), and User Manual