



RD701/RD700

Digital Multimeters / Multifunction

Basic Features

- 3-3 / 4 digits 4000 count
- 0.3% best accuracy
- AC True RMS
- Capacitance measurement
- ※ Not suitable for measurement of condensers with large leak current.
- K type temperature
- ※ Optional accessory K-AD is necessary.
- ※ K type temp. sensor K-250PC is included as a standard accessory
- Frequency measurement
- ※ Input voltage : 20VACrms and under
- ※ Input signal : sign wave or square wave with 40%-70% duty
- ※ Input sensitivity : 10Hz~20kHz/0.9Vrms and above
 - : 20kHz~500kHz/2.6Vp or 1.9Vrms and above
 - : 500kHz~1MHz/4.2Vp or 3Vrms and above
- ADP function (for current sensor)
- Max recording measurement
- Data hold / Range hold
- Relative value
- Auto power off (30min.) (cancelable)
- Alarm for improper test lead insertion to current terminal
- Protective holster with wall hanger and lead holder
- Tilt stand

Display : numeral display 4000 (Hz : 9999, capacitance : 5000)

Sampling rate : 3 times / sec. (Hz : 2 times / sec.)

AC frequency bandwidth : 50~500Hz

Optional Accessories

Clamp probe : CL-20D, CL-22AD, CL33DC

HV probe : HV-60

Temperature probe : K-8-800, K-8-650, K-8-300, K-8-500, K-8-250

K type adapter : K-AD

Test lead : TL-21M, TLF-120

Carrying case : C-CD

Adapter : CL-13a, CL-14, CL-15a, CL-DG3a, TL-9IC, TL-A4, TL-A7M, TL-A7M2

Specifications

RD701 only



RD700 / 701	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	$\pm (0.3\%+4)$	0.1mV	10M~1000MΩ
ACV	400m/4/40/400/1000V	$\pm (1.5\%+5)$	0.1mV	
DCA	400 μ / 4000 μ / 40m/400m/4/10A	$\pm (1.2\%+3)$	0.1 μ A	
ACA	400 μ / 4000 μ / 40m/400m/4/10A	$\pm (1.5\%+4)$	0.1 μ A	
Resistance	400/4k/40k/400k/4M/40MΩ	$\pm (0.6\%+4)$	0.1Ω	
Capacitance	500n/5 μ / 50 μ / 500 μ / 3000 μ F	$\pm (2.5\%+6)$	0.1nF	
Temperature	-20°C~300°C	$\pm (2\%+3)$	1°C	
Frequency	50Hz~1MHz	$\pm (0.5\%+4)$	0.01Hz	
Continuity	Buzzer sounds at between 20Ω and 120Ω. Open voltage : approx. 0.4V			
Diode Test	Open voltage : approx. 1.6V			
Bandwidth	50~500Hz			
Fuse / Battery	12.5A/500V IR20kA ϕ 6.3×32mm 6LF22 (9V)×1 0.63A/500V IR200kA ϕ 6.3×32mm			
Size / Mass	H179×W87×D55mm/460g (including holster)			
Standard accessories included	Test Lead (TL-23a), Thermocouple K type (K-250PC), Holster (H-50), Instruction manual			

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