



## Basic Features

- **AC True RMS ※RD701 only**
- 3-3 / 4 digits 4000 count
- 0.3% best accuracy
- Capacitance measurement  
※Not suitable for measuring condensers with large leak current
- K type temperature  
※Optional accessory K-AD is necessary.  
※K type temp. sensor K-250PC is included.
- 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
- [Download Manual ZIP file](#)
- Display : numeral display 4000 (Hz : 9999, capacitance : 5000)
- Sampling rate : 3 times / sec. (Hz : 2 times / sec.)
- AC frequency bandwidth : 50~500Hz

## Safety

IEC61010-1 (EN61010-1) 2001-02  
CAT.III 600V Max. / CAT.II 1000V Max.

## Optional Accessories

Clamp probe : CL124, CL140, CL-20D, CL-22AD, CL33DC

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, TL-21, TLF-120

Carrying case : C-CD

Clip adapter : CL-13

## Specifications

### RD701



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.3%+4)	0.1mV	10M~ 1000MΩ
ACV	400m/4/40/400/1000V	± (1.5%+5)	0.1mV	
DCA	400 μ/4000 μ/40m/400m/4/10A	± (1.2%+3)	0.1 μA	
ACA	400 μ/4000 μ/40m/400m/4/10A	± (1.5%+4)	0.1 μA	
Resistance	400/4k/40k/400k/4M/40MΩ	± (0.6%+4)	0.1Ω	
Capacitance	500n/5 μ/50 μ/500 μ/3000 μF	± (2.5%+6)	0.01nF	
Temperature	-20°C~300°C	± (2%+3)	1°C	
Frequency	50Hz~1MHz	± (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 φ6.3×32mm 0.63A/500V IR200kA φ6.3×32mm		6LF22 (9V)×1	
Size / Weight	H179×W87×D55mm/460g (including holster)			
Standard accessories included	Test Lead (TL-82), Thermocouple K type (K-250PC), Holster (H-50), Instruction manual			