

## Multifunctional new standard

## CD771

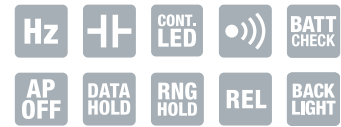
Backlight &amp; Cont. buzzer with LED

- 3-3/4 digits 4000 count
- Easy to read large LCD with Backlight
- Large breaking capacity fuse 30kA
- 1.5V battery check function
- Thermo plastic elastomer, high resistance against drop shock
- Safety cap on current terminal
- Data hold, Range hold, Relative function
- Continuity check, Diode test
- Auto power off function (30min.)

**Display** : numeral display 4000  
**Sampling rate** : 3 times / sec.  
**AC frequency bandwidth** : 40~400Hz (sine wave)  
**Safety** : IEC61010-1 (EN61010-1) 2001-02 CAT Ⅲ 600V Max. / CAT ⅣDC1000V



CE



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV:
ACV	4/40/400/1000V	± (1.2%+7)	1mV	10M~
DCA	400μ/4000μ/40m/400m/4/10A	± (1.4%+3)	0.1μ	100MΩ
ACA	400μ/4000μ/40m/400m/4/10A	± (1.8%+5)	0.1μ	ACV:
				10M~
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.2%+5)	0.1Ω	11MΩ
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+10)	0.01nF	
Frequency	5/50/500/5k/50k/100kHz	± (0.3%+3)	0.001Hz	
Continuity	Buzzer sounds and LED lights up at between 0Ω and 85Ω (±45Ω). Open voltage: approx. 0.4V			
Diode test	Open voltage: approx. 1.5V			
Battery check	Approximate value (30Ω load) 1.5V battery only			
Bandwidth	40~400Hz (sine wave)			
Fuse / Battery	0.5A/1000V 30kA φ6.35X32mm 10A/1000V 30kA φ10X38mm	R6PX2		
Size / Weight	H166XW82XD44mm/360g			
Standard accessories included	Test lead (TL-23), Instruction manual			

## Optional accessories

Clamp probe : CL-20D, CL-22AD, CL33DC  
 HV probe : HV-60  
 Test lead : TLF-120  
 Carrying case : C-77 Clip adapter : CL-11, CL-15, TL-8IC



A fuse of large breaking capacity (30kA) is used to further improve the safety.

## Multifunction

RD700  
RD701

High input impedance 1000MΩ

- 3-3 / 4 digits 4000 count
- 0.3% best accuracy
- AC True RMS ※RD701 only
- 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 : 20kHz~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

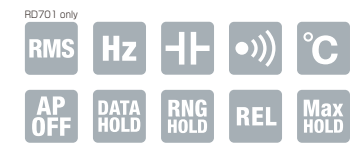
**Display** : numeral display 4000 (Hz : 9999, capacitance : 5000)

**Sampling rate** : 3 times / sec. (Hz : 2 times / sec.)  
**AC frequency bandwidth** : 50~500Hz  
**Safety** : IEC61010-1 (EN61010-1) 2001-02 CAT Ⅲ 600V Max. / CAT ⅣDC1000V Max.



RD700

CE



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.3%+4)	0.1mV	DCV:
ACV	400m/4/40/400/1000V	± (1.5%+5)	0.1mV	10M~
DCA	400μ/4000μ/40m/400m/4/10A	± (1.2%+3)	0.1μA	1000MΩ
ACA	400μ/4000μ/40m/400m/4/10A	± (1.5%+4)	0.1μA	
Resistance	400/4k/40k/400k/4M/40MΩ	± (0.6%+6)	0.1Ω	
Capacitance	500n/5μ/50μ/500μ/3000μF	± (2.5%+6)	0.01nF	
Temperature	-20C~300C	± (2%+3)	1C	
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 φ6.3X32mm 0.63A/500V IR200kA φ6.3X32mm	R6PX2	6LF22 (9V)X1	
Size / Weight	H179XW87XD55mm/460g (including holster)			
Standard accessories included	Test Lead (TL-82), Thermocouple K type (K-250PC), Holster (H-50), Instruction manual			

## Optional accessories

Clamp probe : CL-124, CL-140, 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

## True RMS new standard

## CD772

Backlight &amp; Temperature measurement

- 3-3/4 digits 4000 count
- AC True RMS
- Easy to read large LCD with Backlight
- Large breaking capacity fuse 30kA
- K-type thermocouple temperature measurement -20C~300C
- Thermo plastic elastomer, high resistance against drop shock
- Safety cap on current terminal
- Data hold, Range hold, Relative function
- Continuity check, Diode test
- Auto power off function (30min.)

**Display** : numeral display 4000  
**Sampling rate** : 3 times / sec.  
**AC frequency bandwidth** : 45~500Hz (4V range), 45~1KHz (40V range and above)  
**Safety** : IEC61010-1 (EN61010-1) 2001-02 CAT Ⅲ 600V Max. / CAT ⅣDC1000V



CE



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV:
ACV	4/40/400/1000V	± (1.2%+8)	1mV	10M~
DCA	400μ/4000μ/40m/400m/4/15A	± (1.4%+3)	0.1μ	100MΩ
ACA	400μ/4000μ/40m/400m/4/15A	± (1.8%+6)	0.1μ	ACV:
				10M~
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.2%+5)	0.1Ω	11MΩ
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+10)	0.01nF	
Frequency	5/50/500/5k/50k/100kHz	± (0.3%+3)	0.001Hz	
Temperature	-20C~300C	± (0.3%+30)	0.1C	
Continuity	Buzzer sounds and LED lights up at between 0Ω and 85Ω (±45Ω). Open voltage: approx. 0.4V			
Diode test	Open voltage: approx. 1.5V			
Bandwidth	45~500Hz (4V range), 45~1KHz (40V range and above)			
Fuse / Battery	0.5A/1000V 30kA φ6.35X32mm 16A/1000V 30kA φ10X38mm	R6PX2		
Size / Weight	H166XW82XD44mm/360g			
Standard accessories included	Test lead (TL-25), Thermocouple K type (K-250CD) Instruction manual			

## 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  
 Carrying case : C-77 Clip adapter : CL-11, CL-15, TL-8IC  
 Test lead : TLF-120



A fuse of large breaking capacity (30kA) is used to further improve the safety.

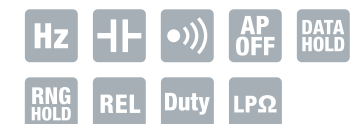
## ALL-IN-ONE DMM

## CD800a

Tough body cover

- 3-3 / 4 digits 4000 count
- 0.7% best accuracy
- Capacitance measurement  
 ※ Not suitable for measurement of condensers with large leak current.
- Frequency measurement (AC sine wave only)
- Data hold / Range hold
- Relative value
- Auto power off (30min.) (cancelable)
- Low power ohm (input voltage 0.4V) at continuity range
- Solid & protective body cover that can also be used as a tilt stand
- Chip holder behind the body cover

**Display** : numeral display 4000  
**Sampling rate** : 2 times / sec.  
**AC frequency bandwidth** : 40~400Hz  
**Safety** : IEC61010-1 CAT Ⅲ 600V Max.



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/600V	± (0.7%+3)	0.1mV	DCV:
ACV	4/40/400/600V	± (1.6%+9)	0.001V	10M~
DCA	40m/400mA	± (2.2%+5)	0.01mA	100MΩ
ACA	40m/400mA	± (2.8%+5)	0.01mA	ACV:
				10M~
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.5%+5)	0.1Ω	11MΩ
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+10)	0.01nF	
Frequency	5Hz~100kHz	± (0.5%+3)		
Duty cycle	20%~80%	± (0.5%+5)		
Continuity	Buzzer sounds at between 10Ω and 120Ω. Open voltage : approx. 0.4V			
Diode test	Open voltage : approx. 1.5V			
Bandwidth	40~400Hz			
Fuse / Battery	0.5A/250V 1.5kA φ5.2X20 ceramic	R6PX2		
Size / Weight	H176XW104XD46mm/approx. 340g			
Standard accessories included	Hand strap, Instruction manual			

## Optional accessories

Clip adapter : CL-11, TL-8IC



CE

Using cover as a tilt stand ▶

