

True RMS new standard



CD772

Backlight & 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 -20°C~300°C
- 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.)
- Maximum 20A can be measured if the measurement time is less than 10 seconds. (Take 10 minutes or longer intervals between measurements)

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.IIDC1000V



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV: 10M~100MΩ
ACV	4/40/400/1000V	± (1.2%+8)	1mV	ACV: 10M~11MΩ
DCA	400μ/4000μ/40m/400m/4/15A	± (1.4%+3)	0.1μ	
ACA	400μ/4000μ/40m/400m/4/15A	± (1.8%+6)	0.1μ	
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.2%+5)	0.1Ω	
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+10)	0.01nF	
Frequency	5/50/500/5k/50k/100kHz	± (0.3%+3)	0.001Hz	
Temperature	-20°C~300°C	± (0.3%+30)	0.1°C	
Continuity	Buzzer sounds and LED lights up at between 0Ω and 850 (±450). 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 H166XW82XD44mm/360g
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, C-77H 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



Using cover as a tilt stand ▶

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: 10M~100MΩ
ACV	4/40/400/600V	± (1.6%+9)	0.001V	ACV: 10M~11MΩ
DCA	40m/400mA	± (2.2%+5)	0.01mA	
ACA	40m/400mA	± (2.8%+5)	0.01mA	
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.5%+5)	0.1Ω	
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 H176XW104XD46mm/approx. 340g
Size / Weight	H176XW104XD46mm/approx. 340g
Standard accessories included	Hand strap , Instruction manual

Optional accessories

Clip adapter : CL-11, TL-8IC

Multifunction



RD700
RD701

High input impedance 1000MΩ

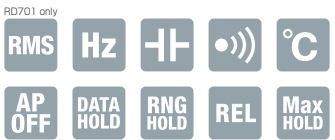
- 3-3 / 4 digits 4000 count
- 0.3% best accuracy
- AC True RMS *RD701 only
- Capacitance measurement
*Not suitable for measurement of condensers with large leak current.
- K type temperature
*Optional accessory K-AD is necessary.
*K type temp. sensor K-250PC is included as a standard accessory
- Frequency measurement
*Input voltage : 20VACrms and under
*Input signal : sign wave or square wave with 40%-70% duty
*Input sensitivity : 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

Safety : IEC61010-1 (EN61010-1) 2001-02 CAT.III 600V Max. / CAT.II1000V Max.



RD700 / 701

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	400μ/4000μ/40m/400m/4/10A	± (1.2%+3)	0.1μA	
ACA	400μ/4000μ/40m/400m/4/10A	± (1.5%+4)	0.1μA	
Resistance	400/4k/40k/400k/4M/40MΩ	± (0.6%+4)	0.1Ω	
Capacitance	500n/5μ/50μ/500μ/3000μF	± (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 Φ6.3X32mm 0.63A/500V IR200kA Φ6.3X32mm H179XW87XD55mm/460g (including holster)
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 : 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

Standard type



CD731a

New Standard

- 3-3/4 digits 4000 count
- Easy to read large LCD
- Safety cap on current terminal
- Data hold, Range hold
- Continuity check, Diode test
- Auto power off function (30min.) (cancelable)

Display : numeral display 4000

Sampling rate : 3 times / sec.

AC frequency bandwidth : 40~500Hz (sine wave)

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



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV: 10M~100MΩ
ACV	4/40/400/750V	± (1.2%+5)	1mV	ACV: 10M~11MΩ
DCA	400μ/4000μ/40m/400mA/4A/20A	± (1.5%+2)	0.1μ	
ACA	400μ/4000μ/40m/400mA/4A/20A	± (1.8%+5)	0.1μ	
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.2%+4)	0.1Ω	
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+6)	0.01nF	
Continuity	Open voltage: approx. 0.4V Buzzer sounds at approx 10 ~120Ω max.			
Diode test	Open voltage: approx. 1.5V			

Bandwidth	40~500Hz (sine wave)
Fuse / Battery	0.5A/250V 1.5kA Φ5X20mm 20A/250V 200kA Φ6.3X32mm H167XW90XD48mm/315g (including holster)
Size / Weight	H167XW90XD48mm/315g (including holster)
Standard accessories included	Test lead (TL-21), Holster (H-70) Instruction manual

Optional accessories

Clamp probe : CL-20D, CL-22AD, CL33DC
Carrying case : C-SP Clip adapter : CL-11, CL-15, TL-8IC, HV probe:HV-60