Standard type

CD770

New Standard

- 3-3/4 digits 4000 count
- Easy to read large LCD
- 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)

Hz | AP OFF | DATA HOLD | RNG HOLD | REL | LPΩ

CD770	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/600V	± (0.5%+2)	0.1mV	DCV: 10MΩ 100MΩ
ACV	4/40/400/600V	± (1.2%+7)	1mV	
DCA	400μ/4000μ/40m/400mA	± (1.4%+3)	0.1μ	ACV: 10MΩ 11MΩ
ACA	400μ/4000μ/40m/400mA	± (1.8%+5)	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	
Continuity	Buzzer sounds at between 0Ω and 85Ω (±45Ω). Open voltage: approx. 0.4V			
Diode test	Open voltage: approx. 1.5V			
Bandwidth	40~400Hz (sine wave)			
Fuse / Battery	0.5A/250V 1.5kA Φ5×20mm	R6P×2		
Size / Mass	H166×W82×D44mm/340g			
Standard accessories included	Test lead (TL-21a), Instruction manual			

Optional accessories

Clamp probe : CL-22AD, CL33DC, CL3000
Carrying case : C-77, C-77H
Clip adapter : CL-13a, CL-14, CL-15a, CL-DG3a, TL-9IC
Test lead : TL-21M, TLF-120

Multifunctional new standard

CD771

Backlight & 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.)
- 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 : 40~400Hz (sine wave)
Safety : IEC61010-1 (EN61010-1) CAT. III 600V Max. / CAT. II DC1000V

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

Hz | CONT. LED | BATT CHECK | AP OFF | DATA HOLD | RNG HOLD | REL | LPΩ | BACK LIGHT

CD771	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV: 10MΩ 100MΩ
ACV	4/40/400/1000V	± (1.2%+7)	1mV	
DCA	400μ/4000μ/40m/400m/4/10A	± (1.4%+3)	0.1μ	ACV: 10MΩ 11MΩ
ACA	400μ/4000μ/40m/400m/4/10A	± (1.8%+5)	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	
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 Φ6.35×32mm 10A/1000V 30kA Φ10×38mm	R6P×2		
Size / Mass	H166×W82×D44mm/360g			
Standard accessories included	Test lead (TL-23a), Instruction manual			

Optional accessories

Clamp probe : CL-22AD, CL33DC, CL3000
HV probe : HV-60
Carrying case : C-77, C-77H
Clip adapter : CL-13a, CL-14, CL-15a, CL-DG3a, TL-9IC
Test lead : TL-21M, TLF-120

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 measure ment -20℃~300℃
- 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) CAT. III 600V Max. / CAT. II DC1000V

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

RMS | Hz | CONT. LED | °C | APS | DATA HOLD | RNG HOLD | REL | LPΩ | BACK LIGHT

CD772	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV: 10MΩ 100MΩ
ACV	4/40/400/1000V	± (1.2%+8)	1mV	
DCA	400μ/4000μ/40m/400m/4/15A	± (1.4%+3)	0.1μ	ACV: 10MΩ 11MΩ
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℃~300℃	± (0.3%+30)	0.1℃	
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 Φ6.35×32mm 16A/1000V 30kA Φ10×38mm	R6P×2		
Size / Mass	H166×W82×D44mm/360g			
Standard accessories included	Test lead (TL-25a), Thermocouple K type (K-250CD) Instruction manual			

Optional accessories

Clamp probe : CL-22AD, CL33DC, CL3000 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-13a, CL-14, CL-15a, CL-DG3a, TL-9IC
Test lead : TLF-120

Multifunction

CD732

High-speed bar graph & Cont. buzzer with LED

- 6000 count
- Using fire-retarding materials for holster and circuit board
- Wide-range capacitance measurement (0.01nF to 3999μF)
- Data hold / Range hold
- Safety cap on 6・15A terminal
- Protective holster with wall hanger and lead holder
- Auto Power Save (16min.) (cancelable)

Display : numeral display 6000, bar graph 61 segments
Sampling rate: 3 times/sec., 30 times/sec., for bar graph
Safety : EN61010-1, EN61010-2-030, EN61010-2-033 CAT.III 600V / CATII DC1000V・AC750V IEC61010-031

CONT. LED | APS | DATA HOLD | RNG HOLD

CD732	Measuring range	Best accuracy	Resolution	Input impedance
DCV	600m/6/60/600/1000V	±(0.5%+2)	0.1mV	DCV: 10MΩ 100MΩ
ACV	6/60/600/750V	±(1.2%+5)	0.001V	
DCA	600μ/6000μ/60m/600m/6/15A	±(1.5%+3)	0.1μA	ACV: 10MΩ 11MΩ
ACA	600μ/6000μ/60m/600m/6/15A	±(1.8%+5)	0.1μA	
Resistance	600/6k/60k/600k/6M/60MΩ	±(1.2%+4)	0.1Ω	
Capacitance	40n/400n/4μ/40μ/400μ/4000μF	±(5.0%+6)	0.01nF	
Frequency	9.999/99.99/999.9/9.999k/99.99kHz	±(0.5%+3)		
Duty cycle	20~80%	±(0.5%+5)		
Continuity	Buzzer sounds and LED lights up at between 10~60Ω Open voltage : approx. 0.63V			
Diode test	Open voltage : approx. 2.7V			
Bandwidth	45~500Hz			
Fuse / Battery	0.4A/1000V 30kA φ6.3X32mm 16A/1000V 30kA φ10X38mm	R6(1.5V) X 2		
Size / Mass	H167×W90×D48mm/320g (including holster)			
Standard accessories included	Test lead(TL-25a), Holster(H-70), Instruction manual			

Optional accessories

Clamp probe : CL-22AD, CL3000, CL33DC
HV probe : HV-60
Carrying case : C-SP
Clip adapter: CL-14

RD700 RD701

RD700

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 bove
  : 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

RD701 only
RMS | Hz | °C | AP OFF | DATA HOLD | RNG HOLD | REL | MAX AVG | LPΩ

RD700 / 701	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.3%+4)	0.1mV	10MΩ 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℃~300℃	± (2%+3)	1℃	
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	6LF22 (9V)×1		
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			

Optional accessories

Clamp probe : CL-22AD, CL33DC, CL3000
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
Clip adapter : CL-13a, CL-14, CL-15a, CL-DG3a, TL-9IC

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 : 3 times / sec.
AC frequency bandwidth : 40~400Hz

Using cover as a tilt stand ▶

Hz | AP OFF | DATA HOLD | RNG HOLD | REL | Duty | LPΩ

CD800a	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/600V	± (0.7%+3)	0.1mV	DCV: 10MΩ 100MΩ
ACV	4/40/400/600V	± (1.6%+9)	0.001V	
DCA	40m/400mA	± (2.2%+5)	0.01mA	ACV: 10MΩ 11MΩ
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 φ5.2×20 ceramic	R6P×2		
Size / Mass	H176×W104×D46mm/approx. 340g			
Standard accessories included	Hand strap , Instruction manual			

Optional accessories

Clip adapter : CL-14, CL-15a, CL-DG3a, TL-9IC