



## 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) CAT.III  
 600V Max. / CAT.IIIC1000V

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



CD772	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 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-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-13a, CL-15a, CL-DG3a, TL-8IC  
 Test lead : TLF-120