

DIGITAL MULTIMETER

CD772

APPLICATIONS AND FEATURES

This meter is useful for measuring / analyzing circuits of small communication devices, home electric appliances and batteries in the ranges of CAT. III environment.

- Double molding with outside made of elastic elastomer material
- Eye-friendly large-sized display
- Continuity confirmed by the buzzer and red LED lamp
- Auto power save: Power save about 30 minutes after no operation
- Range hold, Data hold, and Relative function
- Large breaking capacity fuse 30kA, Safety cap on current terminal
- Temperature measurements up to 300 °C(K type thermocouple temperature sensor)

SPECIFICATIONS

$ \begin{array}{llllllllllllllllllllllllllllllllllll$		weasuring range		Dest accuracy	nesolution	iliput illipedance	
DCA 400μ/4000μ/40m/40m/4/15A ±(1.4%+3) 0.1μ ACA 400μ/4000μ/40m/400m/4/15A ±(1.8%+6) 0.1μ Resistance 400/4k/0k/40k/40k/40MΩΩ ±(1.2%+5) 0.1Ω Capacitance 50π/500π/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%+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 Display 4000 count Range selection Auto and Manual Over-range indication Polarity indication automatic selection Battery low warning Battery (□ → mark lights or flickers at approx. 2.4V or below 3 times / sec AC measuring method True RMS value method Guaranteed accuracy temperature and humidity range Operating temperature / humidity 5°C~40°C 5°C~31°C, 80%RH (max) No condensation humidity range Operating temperature / humidity -10°C~40°C, below 80%RH No condensation Altitude 2000m or below, pollution degree II Power consumption 15mW at DCV Continuous use time About 150 hours at DCV Safety standards [EC6101-1 CAT.III 6000 / CAT. II 1000 ∨ 8andwidth 45~500Hz (4 V range), 45~1kHz (40V range and above) Fuse 0.5A/1000V 30kA φ6.35x32mm 16A/1000V 30kA φ6.35x32mm 16A/1000V 30kA φ6.35x32mm 16A/1000V 30kA φ6.35x32mm 16A/1000V 30kA φ10x38mm Battery Size / Mass H166 x W82 x D44mm / 360ξ	DCV 400m/4/40/400/1000V			±(0.5%+2)	0.1mV	DCV: 10M~100MΩ	
ACA 400μ/400μ/40m/40m/4/15A ±(1.8%+6) 0.1 μ Resistance 400/4k/40k/400k/4M/40MΩ ±(1.2%+5) 0.1 Ω 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 Display Auto and Manual "OL" shown in numerical part(10A, DC/AC 1000V excluded) Polarity indication automatic selection Battery low warning Battery (□□ mark lights or flickers at approx. 2.4V or below 3 times / sec True RMS value method 23°C±5°C, below 80%RH No condensation humidity range Operating temperature / humidity Storage temperature / humidity Storage temperature / humidity Environmental condition Power consumption Altitude 2000m or below, pollution degree II 15mW at DCV Continuous use time About 150 hours at DCV Bafety standards IEC6101-1 CAT.III 6000 / CAT. II 1000V Battery Size / Mass H166 x W82 x D44mm / 360ξ	ACV	4/40/400/1000V		±(1.2%+8)	1mV	ACV: $10M\sim11M\Omega$	
Resistance 400/4k/40k/400k/4M/40MΩ ±(1.2%+5) 0.1Ω Capacitance 50π/500π/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 Display 4000 count Auto and Manual Over-range indication "OL" shown in numerical part(10A, DC/AC 1000V excluded) Polarity indication automatic selection Battery low warning Battery (□) mark lights or flickers at approx. 2.4V or below 3ampling rate 3 times / sec AC measuring method True RMS value method Guaranteed accuracy temperature and humidity range Operating temperature / humidity 5°C~40°C 5°C~31°C, 80%RH (max) No condensation humidity range Operating temperature / humidity -10°C~40°C, below 80%RH No condensation Power consumption 15mW at DCV Continuous use time About 150 hours at DCV Safety standards IEC61010-1 CAT.III 600V / CAT. II 1000V Battery R6P x 2 Size / Mass	DCA	400µ/4000µ/40m/400m/4	1/15A	±(1.4%+3)	0.1μ		
Capacitance Capacitance Son/500n/5μ/50μ/100μF Frequency S/50/500/5k/50k/100kHz # (0.3%+3)	ACA	400µ/4000µ/40m/400m/4	1/15A	±(1.8%+6)	0.1μ		
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16A/1000V 30kA φ10x38mm Battery R6P x 2 Size / Mass H166 x W82 x D44mm / 3608							
Battery R6P x 2 Size / Mass H166 x W82 x D44mm / 3608	ruse						
Size / Mass H166 x W82 x D44mm / 360g	Battery						
77100 X 1702 X D 44111117 0000							
Total local Teaching	0.207	ssories included			-	OCD). Instruction manual	

Rest accuracy Resolution Input impedance





A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

sanwa

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