

sanwa

TOKYO JAPAN

Feature

The entire outer surface of the case has been formed with thermo plastic elastomer, giving the main body, though downsized, high resistance against the shock of a drop.

Feature

A backlight is provided to allow the user to read the value displayed even in a dark location (CD771).

Feature

The continuity check with this multimeter enables the user to verify electric continuity through both the buzzer sound and the LED illumination. Thus, the continuity check can be made even in a noisy location.



CD771

Feature

The 1.5V battery check function is available, allowing you to quickly check the drain of 1.5V battery power (CD771).

Feature

A fuse of large breaking capacity is used to further improve the safety.



Feature

In order to prevent an operation mistake in trying to make a measurement in the current mode, a safety cap is provided. Maximum 20A can be measured if the measurement time is less than 10 sec (CD771). (Take measurement intervals of 10 minutes.)



CD770

DIGITAL MULTIMETER CD77series

Sanwa's new standard DMM series giving priority to the safety

www.sanwa-meter.co.jp

DIGITAL MULTIMETER CD77series



CD770



CD771

Measurement Range and Accuracy Accuracy assurance range: 23±5°C 80%RH max. No condensation.

Function	Range	CD770	CD771	Input Impedance	Remarks		
AC sensing							
DCV	400.0mV	± (0.5%rdg+2dgt)		≥100MΩ	—		
	4.000V			Approx.11MΩ			
	40.00V	± (0.9%rdg+2dgt)	± (0.9%rdg+2dgt)	Approx.10MΩ			
	400.0V						
	600.0V						
1000V	—	± (0.9%rdg+2dgt)					
ACV	4.000V	± (1.2%rdg+7dgt)	± (1.2%rdg+7dgt)	Approx.11MΩ	※ACV measurement is not possible when the frequency is above 1kHz. ※Accuracy in the case of sin wave 40Hz~400kHz		
	40.00V						
	400.0V						
	600V	—	Approx.10MΩ				
	1000V	—	± (1.2%rdg+7dgt)				
Ω	400.0Ω	± (1.2%rdg+5dgt)		—	※Open voltage:Approx.DC0.4V		
	4.000kΩ						
	40.00kΩ	± (2.0%rdg+3dgt)					
	4.000MΩ						
	40.00MΩ					± (3.0%rdg+3dgt)	
Hz	5.000Hz	± (0.3%rdg+3dgt)		—	※Auto range only 3Vrms or higher ※Input impedance ≥ Approx. 2kΩ		
	50.00Hz						
	500.0Hz						
	5.000kHz						
	50.00kHz						
	500.0kHz						
	5.000MHz						
CAP	50.00nF	± (5.0%rdg+10dgt)		—	※Auto range only ※Accuracy in case of Relative mode		
	500.0nF						
	5.000μF						
	50.00μF						
	100.0μF						
DCA	400.0μA	± (1.4%rdg+3dgt)		Approx.100Ω	※Resistance of Fuse(s) are not included in Input Impedance		
	4000μA						
	40.00mA						
	400.0mA	—		Approx.1Ω			
	4.000A			± (2.0%rdg+3dgt)		Approx.0.01Ω	
	10.00A						
ACA	400.0μA	± (1.8%rdg+5dgt)		Approx.100Ω	※Accuracy in the case of sin wave 40Hz~400kHz ※Resistance of Fuse(s) are not included in Input Impedance.		
	4000μA						
	40.00mA						
	400.0mA						
	4.000A	—		± (2.4%rdg+5dgt)			
	10.00A						
Cont.check	Buzzer sounds : The buzzer sounds in a range of 0Ω to 130Ω. Open voltage : Approx.DC0.4V						
DIODE test	Open voltage : Approx.DC1.5V						
1.5V battery check (CD771 only)	Approximate value Load resistance = Approx. 30Ω						

sanwa®

SANWA ELECTRIC INSTRUMENT CO.,LTD.

Dempa Bldg,4-4 Sotokanda2-Chome Chiyoda-Ku,Tokyo 101-0021,Japan
Tel:81-3-3251-0941 Fax:81-3-3256-9740

Website: www.sanwa-meter.co.jp

Specifications and external appearance of the product described above may be revised for modification without prior notice.

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