

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.)

DIGITAL MULTIMETER CD77series



CD770

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		AVERAGE	AVERAGE			
DCV	400.0mV	± (0.5%rdg+2dgt)			≥100MΩ	—
	4.000V	± (0.9%rdg+2dgt)	± (0.9%rdg+2dgt)	Approx.11MΩ		
	40.00V					
	400.0V					
	600.V					
	1000V	—	± (0.9%rdg+2dgt)	Approx.10MΩ		
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					
	1000V	—	± (1.2%rdg+7dgt)	Approx.10MΩ		
Ω	400.0Ω	± (1.2%rdg+5dgt)			—	※Open voltage:Approx.DC0.4V
	4.000kΩ					
	40.00kΩ					
	4.000MΩ	± (2.0%rdg+3dgt)				
	40.00MΩ	± (3.0%rdg+3dgt)				
Hz	5.000Hz	± (0.3%rdg+3dgt)			—	※Auto range only 3Vrms or higher ※Input inpedance ≥ Approx. 2kΩ
	50.00Hz					
	500.0Hz					
	5.000kHz					
	50.00kHz					
	100.0kHz					
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					
	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)	Approx.0.01Ω		
	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					

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