

# 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](http://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			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			Approx.10MΩ	
	400.0V				
	600V			—	
	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				
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				
	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			Approx.1Ω	
	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			Approx.1Ω	
	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				

# sanwa®

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

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