

# DCM400

CE



ISO9002  
No.JQA-1453  
SANWA TESMEX CO., LTD






**Small 400ACA  
+  
DMM Function  
+  
Hz Measurement**

Clamp

## **Future**

40A / 400A AC & DMM function (AC/DC, Ohm)  
4000 count & 42 segments analog bargraph  
CT diameter size 29mm  
Hz measurement by clamp of cords  
Data hold function  
Continuity Buzzer  
Auto power off  
Low battery indication  
IEC 1010 600V CATII, 300V CATIII

## General Specification

<b>Digital Display</b>	3 3/4 digits LCD display with maximum reading 3999
<b>Analog Display</b>	42 segments fast analog bar display
<b>Symbol and Scale range</b>	adjust automatically according range and input signal
<b>Polarity</b>	When negative signal in apply to the tester,  will show.
<b>Over Load</b>	When the signal larger than the maximum will be show 
<b>Sample Rate</b>	2 times/sec for digital data 20 times/sec for analog bar
<b>Low Power Indication</b>	When the battery is under the proper operation range,  will appear on the LCD display.
<b>Power Source</b>	UM-4 or AAA 1.5V battery x 2.
<b>Auto Power Off</b>	If there is no key or dial operation for 30 minutes, the meter will power itself off to save battery consumption.
<b>Battery Life</b>	Approx. 150hr
<b>Clamp opening size</b>	25mm
<b>CT Diameter size</b>	29mm
<b>Dimension (L x W x H)</b>	193 x 50 x 28mm, 7.60 x 1.97 x 1.1 inch
<b>Weight</b>	230g, 8.11OZ (include battery)
<b>Accessory</b>	Instruction Manual, Carrying case, Test lead, Battery 1.5V x 2

## Electrical Specification

The accuracy specification is defined as  $-(\% \text{reading} + \text{count})$

At 23–5 $\beta$ C, 80%RH

DCV (Autorange)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400V	0.1V	1%+2	1M $\Omega$	660Vrms
600V	1V			

ACV (Autorange)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
		50Hz ~ 500Hz		
400V	0.1V	1.5%+5	1M $\Omega$	660Vrms
600V	1V			

ACA (Autorange)

Range	Resolution	Accuracy		Overload Protection
		50Hz ~ 60Hz	60Hz ~ 500Hz	
40A	0.01A	1.9%+5	2.5%+5	600Arms
400A	0.1A			

Ohm ( $\Omega$ )

Range	Resolution	Accuracy	MAX Test Voltage	Overload Protection
400 $\Omega$	0.1 $\Omega$	1%+2	1.5VDC	600Vrms

Continuity ( $\bullet$ ))

Range	Active Region	MAX Test Voltage	Overload Protection
$\bullet$ ))	<40 Ohm	1.5VDC	600Vrms

Frequency (Hz) (Autorange)

Function	Range	Resolution	Accuracy	Sensitivity	Overload Protection
Current Frequency	20Hz ~ 4kHz	1Hz	0.1%+1	2Arms	600Arms
	10kHz	10Hz			
Voltage Frequency	4kHz	1Hz	0.1%+1	3Vrms	600Vrms
	40kHz	10Hz			
	400kHz	100Hz		5Vrms	
	4MHz	1kHz			
	10MHz	10kHz			