



Digital Multimeter



Technical data

Basic Function	Range	DMM1001 DMM1002	DMM1005
DC Voltage	200mV	±(0.5%+5)	±(0.5%+5)
	2V/20V/200V	±(0.5%+3)	±(0.5%+3)
	1000V	±(1.0%+10)	±(1.0%+10)
AC Voltage	2V/20V/200V	±(0.8%+5)	±(0.8%+5)
	1000V	±(1.2%+10)	±(1.2%+10)
DC Current	200uA/2mA/20mA/200mA	±(1.2%+8)	±(1.2%+8)
	2A	±(1.5%+10)	±(1.5%+10)
	20A	±(2.0%+5)	±(2.0%+5)
AC Current	200mA	±(1.5%+15)	±(1.5%+15)
	2A	±(2.0%+5)	±(3.0%+10)
	20A	±(3.0%+10)	±(3.0%+10)
Resistance	200Ω	±(0.8%+5)	±(0.8%+5)
	2kΩ/20kΩ/200kΩ/2MΩ	±(0.8%+3)	±(0.8%+3)
	20MΩ	±(1.0%+25)	±(1.0%+25)
	200MΩ	±(5.0%+30)	±(5.0%+30)
Capacitance	6nF	±(5.0%+40)	±(5.0%+40)
	60nF/600nF/6uF/60uF	±(3.5%+20)	±(3.5%+20)
	60uF/6mF	±(5.0%+10)	±(5.0%+10)
Frequency	10Hz	*	±(1.0%+10)
	100Hz	*	
	1kHz	*	
	10kHz	*	
	100kHz	*	
	1MHz	*	
	20MHz	*	
Temperature	(-20~1000)°C	*	√
	(-4~1832)°F	*	

Special Function	DMM1001 DMM1002	DMM1005
Diode/Transistor	√	√
Triode hFE	√	√
Continuity Buzzer	√	√
Low battery indication	√	√
Data Hold	√	√
Auto power off	√	√
Backlight	√	√
Function protection	√	√
200mA protection	√	√
NCV	√	√
Flashlight	√	√

DMM 1001



DMM 1005



Digital Multimeter

Digital Multimeter

DMM 1007

Technical data

Basic Function	Range	Accuracy	
		DMM1006	DMM1007
DC Voltage	200mV/2V/20V/200V	$\pm(0.25\%+5)$	$\pm(0.1\%+5)$
	1000V	$\pm(0.7\%+5)$	$\pm(0.2\%+5)$
AC Voltage	200mV	$\pm(5.0\%+25)$	
	2V/20V/200V	$\pm(0.8\%+25)$	$\pm(1.0\%+6)$
DC Current	200uA/2000uA/20mA	$\pm(0.5\%+4)$	
	200mA	$\pm(0.8\%+8)$	
AC Current	20A	$\pm(2.0\%+15)$	
	20mA	$\pm(1.5\%+15)$	
Resistance	200uA/2000uA/20mA	$\pm(0.5\%+4)$	
	200mA	$\pm(0.8\%+8)$	
Capacitance	20A	$\pm(2.5\%+35)$	
	200Ω	$\pm(0.4\%+10)$	
Conductance	2kΩ/20kΩ/200kΩ	$\pm(0.4\%+5)$	
	2MΩ	$\pm(1.2\%+25)$	
Frequency	20MΩ/200MΩ	$\pm(5.0\%+45)$	
	200Hz/2kHz/20kHz/200kHz/2MHz	$\pm(0.7\%+3)$	

Special Function		
Diode	✓	✓
Transistor test	✓	✓
Continuity buzzer	✓	✓
Low battery indication	✓	✓
Data Hold	✓	✓
Auto power off	✓	✓
Backlight	✓	✓
Function protection	✓	✓
Shockproof protection	✓	✓
True RMS	✓	✓
Input impedance	10MΩ	10MΩ
Sampling rate	3 times/s	3 times/s
AC Frequency response	40~400Hz	40~400Hz
Operation way	Manual range	Manual range
Max. Display	19999	19999
LCD size	70×50mm	70×50mm
Battery	9V (6F22)	9V (6F22)

Technical Specifications

Basic Function	Range	Accuracy
DC Voltage	600mV	$\pm(0.5\%+5)$
	6V/60V/600V/1000V	$\pm(0.5\%+4)$
	2000V	$\pm(1.0\%+6)$
AC Voltage	6V/60V/600V/750V	$\pm(0.8\%+10)$
	2000V	$\pm(1.2\%+10)$
DC Current	600uA/6000uA	$\pm(1.0\%+10)$
	60mA/600mA	$\pm(1.2\%+10)$
AC Current	600uA/6000uA/60mA/600mA	$\pm(1.5\%+10)$
	6000	$\pm(0.8\%+5)$
Resistance	6kΩ/60kΩ/600kΩ/6MΩ	$\pm(0.8\%+4)$
	60MΩ	$\pm(1.2\%+10)$
Capacitance	10nF	$\pm(5.0\%+40)$
	100nF/1uF/10uF/100uF	$\pm(3.5\%+20)$
	1mF	$\pm(5.0\%+10)$
	20mF	$\pm(10\%+OD)$
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/10MHz	$\pm(0.5\%+10)$
	Temperature	$(-20 \sim 1000)^{\circ}\text{C}$ $(-4 \sim 1832)^{\circ}\text{F}$

Features	
Diode	✓
Continuity buzzer	✓
Low battery indication	✓
Backlight	✓
Data Hold	✓
True RMS	✓
Auto power off	✓
Shockproof protection	✓
Storage environment	Temperature $(-20 \sim 60)^{\circ}\text{C}$, humidity $<85\%RH$
Operating environment	Temperature $(0 \sim 40)^{\circ}\text{C}$, humidity $<75\%RH$
Overload protection	OL
Input impedance	10MΩ
Sampling rate	3 times/s
AC Frequency response	40~1000Hz
Operation way	Auto Range
Max. Display	5099 (3.5%) auto polarity indication
Size	(186X92X52) mm
Weight	395g
Power	5V AAA Battery-LR03

DMM 1006



DMM 1010



DMM 101



Basic Function	Range	Accuracy	
		DMM1008/DMM1009	DMM101
DC Voltage	200mV/2V/20V/200V	±(0.5%+3)	±(0.05%+6)
	1000V	±(1.0%+10)	±(0.1%+5)
AC Voltage	200mV	±(1.0%+5)	±(1.0%+25)
	2V/20V/200V	±(0.8%+5)	±(0.8%+25)
DC Current	200uA/2mA /20mA	±(1.2%+10)	±(0.5%+4)
	200mA	±(1.2%+10)	±(0.8%+6)
AC Current	20A	±(2.0%+5)	±(2.0%+15)
	200uA/2mA /20mA	±(1.5%+15)	*
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	±(1.2%+10)	±(1.2%+50)
	20MΩ/VC9805A/VC9808+	±(1.0%+25)	±(1.2%+25)
Inductance	2mH/20mH/200mH/2H	±(2.5%+30)	*
	20H	±(5.0%+20)	*
Capacitance	20nF/200nF/2uF/20uF	±(3.5%+20)	±(4.0%+50)
	200uF/2mF (VC9805A/VC9808+)	±(5.0%+10)	±(4.0%+50)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/20MHz (VC9805A/VC9808+)	±(1.0%+10)	*
	200Hz/2kHz/20kHz/200kHz/2MHz (VC980+)	*	±(0.1%+3)
Celsius	-20~1000°C	±(1.0%+5)	*
Fahrenheit	-4~1832°F	±(1.0%+5)	*

Special Function		
Diode/Transistor	√	√
Continuity Buzzer	√	√
Low battery indication	√	√
Hold	Peak Hold	Data Hold
Auto power off	√	√
Backlight/Torch	√	√
Function protection	√	√
200mA/20A protection	√	√
Input impedance	10MΩ	10MΩ
Sampling rate	3 times/s	3 times/s
AC frequency response	40~4000Hz	40~20000Hz
Square wave	√	√
Operation way	Manual range	Manual/Auto range
Max. Display	1999	19999
LCD Size	65*42mm	66*42mm
Battery	1.5V*4	1.5V*4

General Characters		
Model	DMM1008/DMM1009	DMM101
Product Color	Case: black ; Holder color: orange	Case: black ; Holder color: orange
Product Net Weight	Approx. 380g(Including battery)	Approx. 390g(Including battery)
Product dimension	190*96*46mm	190*96*46mm
Standard Accessories	Test leads , battery ,instruction manual(TPO1 K style temperature probe (with temperature function))	Test leads , battery ,instruction manual
Standard Quantity Per Carton	30Pcs	30Pcs
Standard Inner packing	Color box	Color box
Carton Size	46.5*317*50.6mm	46.5*317*50.6mm



DMM 1009



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