

BENCHTOP DIGITAL MULTIMETER

MT8045

Features

- . 4 1/2 digits LCD display with backlight
- . Multi-function of ACV/DCV, ACA/DCA, R, C, Hz, hFE, diode test and continuity beeper test
- . High resolution of 10 μ V, 10 μ A, 10m Ω , 1pF, 0.1Hz
- . 0.05% DCV accuracy
- . 20 A high current range
- . 1000V high voltage range
- . AC or AC + DC true rms
- . Overload protection



MT8045

Technical Data		MT8045
DC voltage	Range	200mV, 2V, 20V, 200V, 1000V
	Accuracy	$\pm(0.05\%rdg+3digits)$ 200mV~200V range $\pm(0.1\%rdg+5digits)$ 1000V range
	Input impedance	10M Ω
AC voltage (AC or AC+DC true rms)	Range	200mV, 2V, 20V, 200V, 750V
	Accuracy	200mV range 50Hz ~ 50kHz: $\pm(0.8\%rdg+80digits)$
		2V ~ 20V range 50Hz ~ 20kHz: $\pm(0.8\%rdg+80digits)$
		200V range 50Hz ~ 5kHz: $\pm(0.8\%rdg+80digits)$
750V range 50Hz ~ 400Hz: $\pm(1.0\%rdg+50digits)$		
Input impedance	2M Ω	
DC current	Range	20mA, 200mA, 2A, 20A
	Accuracy	$\pm(0.35\%rdg+10digits)$ 20mA, 200mA range $\pm(0.8\%rdg+10digits)$ 2A, 20A range
AC current	Range	200mA, 2A, 20A
	Accuracy	200mA range 50Hz ~ 5kHz: $\pm(0.8\%rdg+80digits)$
		2A~20A range 50Hz ~ 400Hz: $\pm(1.0\%rdg+50digits)$
Resistance	Range	200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω , 20M Ω
	Accuracy	$\pm(0.1\%rdg+20digits)$ 200 Ω range $\pm(0.1\%rdg+5digits)$ 2k Ω ~2M Ω range $\pm(0.4\%rdg+5digits)$ 20 M Ω range
Capacitance	Range	20nF, 2 μ F, 200 μ F
	Accuracy	$\pm(3.5\%rdg+20digits)$ 20nF, 2 μ F range $\pm(5.0\%rdg+30digits)$ 200 μ F range
Frequency	Range	20kHz, 200kHz
	Accuracy	$\pm(1.0\%rdg+20digits)$
hFE (PNP or NPN)	Display	0 ~ 1000.0
Diode test	Test condition	Current is approx. 10 μ A, Vce is approx. 3V
		Check the forward voltage of diode. Maximum forward voltage 2V, open voltage 2.8V
Continuity beeper		< 5 Ω
NMRR		> 60dB
CMRR		> 120dB
Power source		110 ~ 127VAC $\pm 10\%$ /220 ~ 240VAC $\pm 10\%$, 50Hz
Dimensions	W x H x D	260mm x 220mm x 82mm
Weight		Approx. 1kg