



450B+TRMS



45CF+



1) Above 60.00 V DC



2) Above 36.00 V AC

Red Backlight for High Voltage Alert

TRMS, Auto / Manual, 4½ Digit 20000 Count LCD with Backlight, APO, Capacitance, Frequency, Duty Cycle, DATA HOLD, MIN / MAX, Δ ZERO / REL, Diode Test, Audible Continuity & NCV Ranges		TRMS, Manual Ranging, 4 Digits 9999 Counts Digital Dual Display LCD with Auto Backlight, APO, Resistance, Capacitance, hFE, LoZ, $\bar{\omega}$V, Frequency, Duty Cycle, Infrared Remote Control Check, Δ REL, Data Hold, Max/Min, Red & Green Light Indication for Input Terminal Selection, NCV, Torchlight & Bargraph	
DC Voltage	19.999 / 199.99mV / 1.9999 / 19.999 / 199.99 / 1000.0V	DC Voltage	999.9mV / 9.999 / 99.99 / 999.9V
Accuracy	±(0.5% rdg + 3 dgt)	Accuracy	± (0.5% rdg + 5 dgt) on all ranges except ± (0.8% rdg + 5 dgt) on 999.9V
AC Voltage	19.999 / 199.99mV / 1.9999 / 19.999 / 199.99 / 750.0V	AC Voltage	999.9mV / 9.999 / 99.99 / 750.0V
Accuracy	± (1.0% rdg + 3 dgt)	Accuracy	± (1.0% rdg + 4 dgt) on all ranges except ± (1.2% rdg + 4 dgt) on 750.0V
AC Response	40Hz ~ 1KHz	AC Response	10Hz ~ 1KHz
DC Current	199.99 / 1999.9μA / 19.999 / 199.99mA / 1.9999 / 10.000A	DC Current	999.9μA / 99.99 / 999.9mA / 9.999A
Accuracy	± (0.8% rdg + 3 dgt) on 199.99 / 1999.9μA ± (1.0% rdg + 3 dgt) on all other ranges		
AC Current	199.99 / 1999.9μA / 19.999 / 199.99mA / 1.9999 / 10.000A		
Accuracy	± (1.0% rdg + 3 dgt) on 199.99 / 1999.9μA ± (1.2% rdg + 3 dgt) on all other ranges		
AC Response	40Hz ~ 1KHz		
Resistance	199.99Ω / 1.9999 / 19.999 / 199.99kΩ / 1.9999 / 19.999MΩ		
Accuracy	± (1.0% rdg + 3 dgt) on 199.99Ω ± (0.5% rdg + 3 dgt) on 1.9999 / 19.999 / 199.99kΩ ± (1.5% rdg + 3 dgt) on 1.9999 / 19.999MΩ ± (3% rdg + 5 dgt) on 199.99MΩ		
Capacitance	9.999 / 99.99 / 999.9nF / 9.999 / 99.99 / 999.9μF / 9.999mF		
Accuracy	± (5.0% rdg + 20 dgt) on 9.999nF ± (2.0% rdg + 5 dgt) on 99.99 / 999.9nF / 9.999 / 99.99 / 999.9μF		
		Frequency	± (5.0% rdg + 5 dgt) on 9.999mF 99.99 / 999.9Hz / 9.999 / 99.99 / 999.9KHz / 9.999MHz
		Accuracy	± (0.1% rdg + 2 dgt)
		Duty Cycle	1% ~ 99%
		Accuracy	± (0.1% rdg + 2 dgt)
		Sp. Function	Diode Test, Audible Continuity, Data Hold
		Power	Two 1.5V 'AA' Battery
		Low Battery	' $\bar{\omega}$ ' is indicated
		Battery Life	200 hours typical
		Dimensions	161 x 81 x 39 mm (approx.)
		Weight	230gms Including Battery (approx.)
		Accessories	One Pair of Test Leads, Battery (installed), Instruction Manual & Drawstring Pouch
		Accuracy	± (1.2% rdg + 5 dgt) on all ranges except ± (2.0% rdg + 5 dgt) on 9.999A
		AC Current	99.99 / 999.9mA / 9.999A
		Accuracy	± (1.5% rdg + 5 dgt) on all ranges except ± (2.0% rdg + 5 dgt) on 9.999A
		AC Response	40Hz ~ 1KHz
		Resistance	999.9Ω / 9.999 / 99.99 / 999.9kΩ / 9.999 / 99.99MΩ
		Accuracy	± (0.8% rdg + 5 dgt) on all ranges except ± (1.2% rdg + 5 dgt) on 99.99MΩ
		Capacitance	9.999 / 99.99 / 999.9nF / 9.999 / 99.99 / 999.9μF / 9.999 / 99.99mF
		Accuracy	± (4.0% rdg + 5 dgt) on all ranges except ± (5.0% rdg + 5 dgt) on 9.999 / 99.99mF
		Frequency	9.99Hz ~ 9.99MHz
		Accuracy	± (1.5% rdg + 5 dgt)
		Duty Cycle	0.1% ~ 99.9%
		Accuracy	± (1.5% rdg + 5 dgt)
		Temperature	-55°C ~ 1000°C / -67°F ~ 1832°F
		Accuracy	± (1.0% rdg + 3 dgt)
		Loz	750V AC / 1000V DC
		Accuracy	± (2.0% rdg + 5 dgt)
		Measuring Category	CAT II 1000V, CAT III 600V
		SP Function	Diode Test, Audible Continuity
		Power	Three 1.5V 'AAA' Battery
		Low Battery	' $\bar{\omega}$ ' is indicated
		Battery Life	200 hours typical
		Dimensions	187 x 95 x 55 mm (approx.)
		Weight	350gms Including Battery (approx.)
		Accessories	One Pair of Test Leads, Holster, Battery (installed), Instruction Manual, Carrying Case & K Type Thermocouple (upto 260°C)