



153B+TRMS



171B+TRMS

TRMS, Auto Ranging, 6000 Counts LCD with Backlight, APO, Capacitance, Frequency, Duty Cycle & Holster

Ranges	
DC Voltage	600mV / 6 / 60 / 600 / 1000V
Accuracy	± (1.0% rdg + 4 dgt) on 600mV ± (0.5% rdg + 2 dgt) on 6/60/600V ± (7.0% rdg + 3 dgt) on 1000V
AC Voltage ^{TRMS}	600mV / 6 / 60 / 600 / 750V
Accuracy	± (1.0% rdg + 5 dgt) on all ranges except ± (1.2% rdg + 5 dgt) on 600mV ± (1.5% rdg + 5 dgt) on 750V
AC Response	40 ~ 500Hz
DC Current	600 / 6000µA / 60 / 600mA / 6 / 20A
Accuracy	± (1.0% rdg + 2 dgt) on 600/6000µA ± (1.2% rdg + 3 dgt) on 60/600mA ± (1.5% rdg + 5 dgt) on 6/20A
AC Current ^{TRMS}	600 / 6000µA / 60 / 600mA / 6 / 20A
Accuracy	± (1.5% rdg + 5 dgt) on 600/6000µA ± (2.0% rdg + 5 dgt) on 60/600mA ± (2.5% rdg + 5 dgt) on 6/20A
AC Response	40 ~ 500Hz
Resistance	600Ω / 6 / 60 / 600KΩ / 6 / 60MΩ
Accuracy	± (1.2% rdg + 2 dgt) on 600Ω & 6MΩ ± (1.0% rdg + 2 dgt) on 6/60/600kΩ ± (1.5% rdg + 2 dgt) on 60MΩ
Capacitance	9.999 / 99.99 / 999.9nF / 9.999 / 99.99 / 999.9µF / 9.999mF
Accuracy	± (2.0% rdg + 4 dgt) on all ranges except

TRMS, Auto / Manual, 6000 Counts LCD with Backlight, APO, Capacitance, REL Δ, Max / Min, Frequency, Duty Cycle, Temperature & Holster

Ranges	
DC Voltage	600mV / 6 / 60 / 600 / 1000V
Accuracy	± (1.0% rdg + 4 dgt) on 600mV ± (0.5% rdg + 2 dgt) on 6/60/600V ± (7.0% rdg + 3 dgt) on 1000V
AC Voltage	600mV / 6 / 60 / 600 / 750V
Accuracy	± (1.0% rdg + 5 dgt) on all ranges except ± (1.2% rdg + 5 dgt) on 600mV ± (1.5% rdg + 5 dgt) on 750V
AC Response	40 ~ 500Hz
DC Current	600 / 6000µA / 60 / 600mA / 6 / 20A
Accuracy	± (1.0% rdg + 2 dgt) on 600/6000µA ± (1.2% rdg + 3 dgt) on 60/600mA ± (1.5% rdg + 5 dgt) on 6/20A
AC Current	600 / 6000µA / 60 / 600mA / 6 / 20A

Frequency	± (3.0% rdg + 4 dgt) on 9.999mF 99.99Hz ~ 20.00MHz
Accuracy	± (0.05% rdg + 4 dgt)
Duty Cycle	0.1% ~ 99.9%
Accuracy	± (0.05% rdg + 4 dgt)
Measuring Category	CAT III 1000V, CAT IV 600V
SP Function	Diode test, Audible Continuity, Data Hold
Power	Two 1.5V 'AA' Battery
Low Battery	'' is indicated
Battery Life	200 hours typical
Dimensions	180 x 90 x 52mm (approx.)
Weight	370gms Including Battery (approx.)
Accessories	Test Leads (Pair), Holster, Battery (installed) & Instruction Manual

Accuracy	± (1.5% rdg + 5 dgt) on 600/6000µA ± (2.0% rdg + 5 dgt) on 60/600mA ± (2.5% rdg + 5 dgt) on 6/20A
AC Response	40 ~ 500Hz
Resistance	600Ω / 6 / 60 / 600KΩ / 6 / 60MΩ
Accuracy	± (1.2% rdg + 2 dgt) on 600Ω & 6MΩ ± (1.0% rdg + 2 dgt) on 6/60/600kΩ ± (1.5% rdg + 2 dgt) on 60MΩ
Capacitance	9.999 / 99.99 / 999.9nF / 9.999 / 99.99 / 999.9µF / 9.999mF
Accuracy	± (2.0% rdg + 4 dgt) on all ranges except ± (3.0% rdg + 4 dgt) on 9.999mF
Frequency	99.99Hz ~ 20.00MHz
Accuracy	± (0.05% rdg + 4 dgt)
Duty Cycle	0.1% ~ 99.9%
Accuracy	± (0.05% rdg + 4 dgt)
Temperature	40°C ~ 1000°C / -40°F ~ 1832°F
Accuracy	± (3.0% rdg + 4dgt) on -40°C ~ 0°C / -40°F ~ 32°F ± (1.0% rdg + 3dgt) on 0°C ~ 400°C / 32°F ~ 750°F ± (2.0% rdg + 5dgt) on 400°C ~ 1000°C / 750°F ~ 1832°F
Measuring Category	CAT III 1000V, CAT IV 600V
SP Function	Diode test, Audible Continuity, Data Hold
Power	Two 1.5V 'AA' Battery
Low Battery	'' is indicated
Battery Life	200 hours typical
Dimensions	180 x 90 x 52mm (approx.)
Weight	370gms Including Battery (approx.)
Accessories	Test Leads (Pair), Holster, Battery (installed), Instruction Manual & K Type Thermocouple (upto 260°C)