



63+



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45CF

3½ Digit 2000 Counts, Audible Continuity, Diode, hFE Test, Backlight, Data Hold & Battery Test

Ranges

DC Voltage 200mV/2/20/200/1000V
Accuracy $\pm(0.5\% \text{ rdg} + 3 \text{ dgt})$ 200mV
 $\pm(0.8\% \text{ rdg} + 5 \text{ dgt})$ 2V, 20V, 200V
 $\pm(1.0\% \text{ rdg} + 5 \text{ dgt})$ 1000V

AC Voltage 200/750V
[45–450Hz]
Accuracy $\pm(2.0\% \text{ rdg} + 10 \text{ dgt})$

DC Current 200 μ A/2mA/20mA/
200mA/10A
Accuracy $\pm(1.8\% \text{ rdg} + 2 \text{ dgt})$ 200 μ A,
2mA, 20mA
 $\pm(2.0\% \text{ rdg} + 2 \text{ dgt})$ 200mA
 $\pm(2.0\% \text{ rdg} + 10 \text{ dgt})$ 10A

Battery Test Ranges : 1.5V, 9V
Resolution : 1mV, 10mV
Internal Resistance : 10.5 Ω
 $\pm 1.0\Omega$, 780 Ω \pm 200 Ω

Resistance 200 Ω /2k Ω /20k Ω /200k Ω /
2M Ω
Accuracy $\pm(1.0\% \text{ rdg} + 4 \text{ dgt})$ on all
ranges, except
 $\pm(1\% \text{ rdg} + 10 \text{ dgt})$ on 200 Ω

Sp. Function Audible Continuity, Battery
Test, Diode Test, hFE Test

Power Two 1.5V "AAA" Battery

Low Battery "E" is indicated

Battery Life 200 hours typical

Dimensions 160 x 76 x 32mm (approx.)
Weight 155gms Including Battery
(approx)

Accessories One Pair of Test Leads,
Battery (installed),
Instruction Manual

3½ Digit 2000 Counts, 17mm Large LCD, Audible Continuity, Diode & hFE Test

Ranges

DC Voltage 200mV/2/20/200/1000V
Accuracy $\pm(0.5\% \text{ rdg} + 1 \text{ dgt})$ on all
ranges

AC Voltage 200mV/2/20/200/750V
(50–500Hz)
Accuracy $\pm(1\% \text{ rdg} + 4 \text{ dgt})$ on all
ranges except
 $\pm(1.5\% \text{ rdg} + 4 \text{ dgt})$ on 750V

DC Current 200 μ A/2mA/20mA/
200mA/20A
Accuracy $\pm(1\% \text{ rdg} + 1 \text{ dgt})$ on all
ranges except
 $\pm(2\% \text{ rdg} + 3 \text{ dgt})$ on 20A

AC Current 200 μ A/2mA/20mA/
200mA/20A (50–500Hz)
Accuracy $\pm(1.2\% \text{ rdg} + 4 \text{ dgt})$ on all
ranges except
 $\pm(2\% \text{ rdg} + 4 \text{ dgt})$ on 20A

Resistance 200 Ω /2k Ω /20k Ω /200k Ω /
2000k Ω /20M Ω /200M Ω
Accuracy $\pm(0.8\% \text{ rdg} + 1 \text{ dgt})$ on all
ranges, except
 $\pm(1\% \text{ rdg} + 3 \text{ dgt})$ on 200 Ω
 $\pm(3\% \text{ rdg} + 3 \text{ dgt})$ on 20M Ω
 $\pm(5\% \text{ rdg} + 10 \text{ dgt})$ on 200M Ω

Sp. Function Audible Continuity,
Diode Test, hFE Test

Power One 9V battery

Low Battery "E" is indicated

Battery Life 200 hours typical

Dimensions 170 x 80 x 43mm (approx.)
Weight 240gms Including Battery(approx.)

Accessories One Pair of Test Leads,
Carrying Case, Battery
(installed), Instruction Manual
and Spare Fuse

4½ Digit 20000 Counts, Large LCD, Capacitance, Frequency, hFE, Infrared Remote Control Check, Live Wire Check, APO

Ranges

DC Voltage 200mV/2/20/200/1000V
Accuracy $\pm(0.05\% \text{ rdg} + 5 \text{ dgt})$
on all ranges except
 $\pm(0.1\% \text{ rdg} + 5 \text{ dgt})$ on 1000V

AC Voltage 200mV/2/20/200/750V
Accuracy $\pm(0.8\% \text{ rdg} + 10 \text{ dgt})$
on all ranges except
 $\pm(1.0\% \text{ rdg} + 15 \text{ dgt})$ on 750V

DC Current 2mA/20/200mA/20A
Accuracy $\pm(0.5\% \text{ rdg} + 5 \text{ dgt})$ on 2/20mA
 $\pm(0.8\% \text{ rdg} + 5 \text{ dgt})$ on 200mA
 $\pm(2.0\% \text{ rdg} + 10 \text{ dgt})$ on 20A

AC Current 20/200mA/20A
Accuracy $\pm(0.8\% \text{ rdg} + 10 \text{ dgt})$ on 20/200mA
 $\pm(3\% \text{ rdg} + 10 \text{ dgt})$ on 20A

Resistance 200 Ω /2/20/200k Ω /2/20M Ω
Accuracy $\pm(0.4\% \text{ rdg} + 5 \text{ dgt})$
 $\pm(0.8\% \text{ rdg} + 5 \text{ dgt})$ on 20M Ω

Capacitance 20/200nF/2/200 μ F
Accuracy $\pm(3\% \text{ rdg} + 10 \text{ dgt})$
 $\pm(5\% \text{ rdg} + 10 \text{ dgt})$ on 200 μ F

Frequency 20kHz
Accuracy $\pm(1.5\% \text{ rdg} + 5 \text{ dgt})$

Sp. Function Diode, Continuity, Data Hold,
hFE, Capacitance, Hz,
Infrared Remote Control Check,
Live Wire Check, APO

Power One 9V battery

Low Battery "E" Indicated

Battery Life 150 hours typical

Dimensions 182 x 90 x 60 mm (approx.)
Weight 365gms Including Battery (app.)

Accessories One Pair of Test Leads,
Battery (installed),
Inst.Manual & Holster