

CE



1080-TRMS



2003A+

1200A DC/AC TRMS
Auto / Manual, 3% Digit, 6000 Counts LCD with Backlight, APO, Capacitance, Frequency, Duty Cycle & Temperature

Ranges

DC Voltage 600mV / 6 / 60 / 600 / 1000V

Accuracy $\pm (0.5\%rdg + 3dgt)$

AC Voltage 600mV / 6 / 60 / 600 / 750V

Accuracy $\pm (1.0\%rdg + 5dgt)$

AC Response 40Hz~1000Hz

DC Current 600 / 6000 μ A / 60 / 600 / 1200A

Accuracy $\pm (1.2\%rdg + 10dgt)$

on 600 / 6000 μ A

$\pm (2.0\%rdg + 30dgt)$

on 60 / 600 / 1200A

Overload 1200A DC Max. for 1min. for A

AC Current 600 / 6000 μ A / 60 / 600 / 1200A

Accuracy $\pm (2.0\%rdg + 30dgt)$

AC Response 40 Hz~1000Hz

Overload 1200A AC Max. for 1min. for A

Resistance 600 Ω / 6 / 60 / 600k Ω / 6 / 60M Ω

Accuracy $\pm (0.8\%rdg + 5dgt)$

on 600 Ω

$\pm (0.8\%rdg + 3dgt)$

on 6 / 60 / 600k Ω / 6M Ω

$\pm (1.0\%rdg + 25dgt)$

on 60M Ω

Capacitance 9.999 / 99.99 / 999.9nF /

9.999 / 99.99 / 999.9 μ F /

9.999mF

Accuracy $\pm (3.5\%rdg + 60dgt)$

on all ranges except

$\pm (5.0\%rdg + 10dgt)$

on 999.9 μ F & 9.999mF

Frequency 99.99Hz~10.00MHz

Accuracy $\pm (0.01\%rdg + 3dgt)$

Duty Cycle 0.1%~99.9%

Accuracy $\pm (0.01\%rdg + 3dgt)$

Temperature -20°C~1000°C /

0°F~1832°F

2000A DC / 2000A AC TRMS
3% Digit, 6000 Counts, 60 Segment Bargraph, Auto / Manual, Δ ZERO, Hz / Duty, RPM, MIN-MAX, Data Hold, Audible Continuity, APO

Ranges

AC Current 600A, 2000A

Accuracy $\pm (3.5\%rdg + 5dgt)$

Overload 2000A AC max. for 1 min.

AC Voltage 6V, 60V, 600V (Auto & Manual)

Accuracy $\pm (1\%rdg + 6dgt)$ (50 ~ 60Hz)

$\pm (2\%rdg + 4dgt)$ (40 ~ 500Hz)

Overload 600V DC / AC RMS

DC Current 600A, 2000A

Accuracy $\pm (2.5\%rdg + 5dgt)$

Accuracy $\pm (1\%rdg + 5dgt)$

on -20°C~400°C

$\pm (1.5\%rdg + 15dgt)$

on 400°C~1000°C

$\pm (0.75\%rdg + 5dgt)$

on 0°F~750°F

$\pm (1.5\%rdg + 15dgt)$

on 750°F~1832°F

μ A Measurement for HVAC

600.0 μ A / 6000 μ A

Flame Sensors

Accuracy $\pm (1\%rdg + 20dgt)$

Sp. Function Diode Test, Audible Continuity, Data Hold

Power One 9V Battery

Low Battery 'LO' is indicated

Battery Life 200 hours typical

Dimension 238 x 90 x 48mm (approx.)

Weight 320gms Including Battery (approx.)

Jaw Opening 30mm

Measuring Category CAT IV 600V

Accessories One Pair of Test Leads, Battery (installed), K Type Thermocouple (upto 260°C), Instruction Manual & Carrying Case

Overload **DC Voltage**

Accuracy

Overload

Resistance

Accuracy

Overload

Frequency

Accuracy

% Duty Cycle

Accuracy

RPM

Accuracy

Capacitance

Accuracy

Overload

Sp. function

Power

Battery Life

Low Battery

Over Range

Dimensions

Weight

Jaw Opening

Accessories

2000A DC max. for 1 min.

600mV, 6V, 60V, 600V

(Auto & Manual)

$\pm (0.5\%rdg + 5dgt)$

600V DC / AC RMS

600 Ω , 6k Ω , 60k Ω , 600k Ω ,

6M Ω , 60M Ω , (Auto & Manual)

$\pm (0.3\%rdg + 8dgt)$ 600 Ω

$\pm (0.3\%rdg + 5dgt)$ 6~600k Ω

$\pm (0.5\%rdg + 5dgt)$ 6M Ω

$\pm (2\%rdg + 5dgt)$ 60M Ω

600V DC/AC RMS

9.999Hz ~ 999.9KHz (Auto)

$\pm (0.1\%rdg + 2dgt)$

(for non distorted waveforms only)

1% to 90%

$\pm (0.5\%rdg + 5dgt)$

9.999K RPM, 99.99K

RPM (Auto)

$\pm 0.5\%rdg$ of fullscale

40nF, 400nF, 4 μ F, 40 μ F

(Auto)

Accuracy $\pm (3\%rdg + 40dgt)$

on 40nF (Use Δ ZERO)

$\pm (3\%rdg + 10dgt)$

on 400nF to 4 μ F

$\pm (6\%rdg + 10dgt)$

on 40 μ F

600V DC / AC rms.

Audible Continuity,

Diode Test

One 9V Battery

150 hours (typical)

"LO" is Indicated

"OL" or "-OL" is indicated

250 x 100 x 46 mm (approx.)

410 gms Including Battery

(approx.)

Cable Dia 55mm max.

One Pair of Test Leads,

Battery (installed),

Instruction Manual &

Carrying Case