

FEATURE	37XR-A
DC Voltage	1.000 mV, 10.00 V, 100.0 V, 1000 V
AC Voltage	1.000 mV, 10.00 V, 100.0 V, 1000 V
DC Current	100.0 $\mu$ A, 1.000 $\mu$ A, 10.00 mA, 100.0 mA, 400.0 mA, 10.00 A
AC Current	100.0 $\mu$ A, 1.000 $\mu$ A, 10.00 mA, 100.0 mA, 400.0 mA, 10.00 A
Resistance	1000.0 $\Omega$ , 10.000 k $\Omega$ , 100.00 k $\Omega$ , 1000.0 k $\Omega$ , 10.00 M $\Omega$ , 40.00 M $\Omega$
Continuity	•
Diode	•
VolTect™ Non-Contact Voltage Detection	–
Capacitance	40.00 nF, 400.0 nF, 4.000 $\mu$ F, 40.00 $\mu$ F, 400.0 $\mu$ F
Frequency	100.00 Hz, 1.0000 kHz, 10.000 kHz, 100.00 kHz, 1.0000 MHz, 10.000 MHz
Temperature	–
Duty cycle	0.00 % – 90.0 %
Logic test	•
Inductance	40 H
dBm	–13 dBm – + 50 dBm

Specifications	
DC Voltage ranges:	1000 mV, 10 V, 100 V, 1000 V
DC Voltage accuracy:	all ranges $\pm$ (0.1 % rdg + 5 dgt)
DC Voltage resolution:	100 $\mu$ V
AC Voltage (45 Hz to 2 kHz) True-rms ranges:	1000 mV, 10 V, 100 V, 750 V
AC Voltage (45 Hz to 2 kHz) True-rms accuracy:	750 V range: 45 to 1 kHz: $\pm$ (2.0 % rdg + 10 dgts)
AC Voltage (45 Hz to 2 kHz) True-rms accuracy:	All other ranges, 45 to 500 Hz: $\pm$ (1.2 % rdg + 10 dgts)
AC Voltage (45 Hz to 2 kHz) True-rms accuracy:	All other ranges, 500 to 2 kHz: $\pm$ (2.0 % rdg + 10 dgts)
AC Voltage (45 Hz to 2 kHz) True-rms resolution:	100 $\mu$ V
AC coupled:	True RMS specified from 5 % to 100 % of range
DC Current ranges:	100 $\mu$ A, 1000 $\mu$ A, 10 mA, 100 mA, 400 mA, 10 A
DC Current accuracy:	100 $\mu$ A range: $\pm$ (0.5 % rdg + 10 dgt)
DC Current accuracy:	1000 $\mu$ A to 400 mA ranges: $\pm$ (0.5 % rdg + 5 dgts)
DC Current accuracy:	10 A range: $\pm$ (1.5 % rdg + 10 dgt)
DC Current resolution:	0.01 $\mu$ A
AC Current (45 Hz to 1 kHz) True-rms ranges:	100 $\mu$ A, 1000 $\mu$ A, 10 mA, 100 mA, 400 mA, 10 A
AC Current (45 Hz to 1 kHz) True-rms accuracy:	100 $\mu$ A to 100 mA ranges: $\pm$ (1.5 % rdg + 10 dgts)
AC Current (45 Hz to 1 kHz) True-rms accuracy:	400 mA range: $\pm$ (2.0 % rdg + 10 dgts)
AC Current (45 Hz to 1 kHz) True-rms accuracy:	10 A range: $\pm$ (2.5 % rdg + 10 dgts)
AC Current (45 Hz to 1 kHz) True-rms resolution:	0.01 $\mu$ A
Resistance ranges:	1000 $\Omega$ 10 k $\Omega$ 100 k $\Omega$ 1000 k $\Omega$ 10 M $\Omega$ 40 M $\Omega$
Resistance accuracy:	1000 $\Omega$ to 1000 k $\Omega$ ranges: $\pm$ (0.5 % rdg + 8 dgts)
Resistance accuracy:	10 M $\Omega$ range: $\pm$ (1.0 % rdg + 10 dgts)
Resistance accuracy:	40 M $\Omega$ range: $\pm$ (2.0 % rdg + 10 dgts)
Logic test, logic type:	TTL, CMOS

<http://www.amprobe.com/amprobe/usen/Multimeters/Compact-Multimeters-/AMP-37XR-A.htm?PID=73036>