

# DIGITAL MULTIMETERS

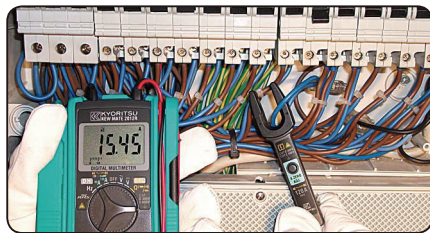
## KEWMATE 2012R



TRUE RMS  $\emptyset$ 12 MAX 120A DC AC V DC AC A  $\Omega$   $\rightarrow$   $\leftarrow$  Hz DATA HOLD AUTO POWER SAVE

- Innovative Multimeters with current measurements up to 120A AC/DC
- Unique Open Jaw technology for AC/DC current measurements
- Very compact and as reliable as a traditional full size multimeter

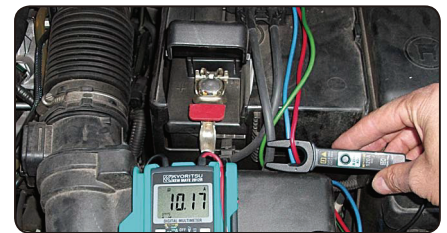
	2012R
DC V	600.0mV/6.000/60.00/600.0V (Input impedance: approx. 10M $\Omega$ ) $\pm$ 1.0%rdg $\pm$ 3dgt
AC V	6.000/60.00/600.0V (Input impedance: approx.10M $\Omega$ ) $\pm$ 1.5%rdg $\pm$ 5dgt (45 - 400Hz)
DC A	60.00/120.0A $\pm$ 2.0%rdg $\pm$ 8dgt (60A) $\pm$ 2.0%rdg $\pm$ 5dgt (120A)
AC A	60.00/120.0A $\pm$ 2.0%rdg $\pm$ 5dgt (45 - 65Hz)
$\Omega$	600.0 $\Omega$ /6.000/60.00/600.0k $\Omega$ /6.000/60.00M $\Omega$ $\pm$ 1.0%rdg $\pm$ 5dgt (600 $\Omega$ /6/60/600k $\Omega$ ) $\pm$ 2.0%rdg $\pm$ 5dgt (6M $\Omega$ ) $\pm$ 3.0%rdg $\pm$ 5dgt (60M $\Omega$ )
Continuity buzzer	Buzzer sounds below 35 $\pm$ 25 $\Omega$
Diode test	2V $\pm$ 3.0%rdg $\pm$ 5dgt Open-loop voltage: approx. 2.7V
Capacitance	400.0nF/4.000/40.00 $\mu$ F $\pm$ 2.5%rdg $\pm$ 10dgt
Frequency	AC A: 100/400Hz $\pm$ 0.2%rdg $\pm$ 2dgt (100Hz) $\pm$ 0.1%rdg $\pm$ 1dgt (100 - 400Hz) AC V: 100/1000Hz/10/100/300.0kHz $\pm$ 0.2%rdg $\pm$ 2dgt (100Hz) $\pm$ 0.1%rdg $\pm$ 1dgt (1000Hz/10/100/300.0kHz) (Input sensitivity Current: more than 6A Voltage: more than 6V [ - 10kHz]/more than 20V [10k - 300kHz])
Conductor size	$\phi$ 12mm max.
Applicable Standards	IEC 61010-1 CAT III 300V, CAT II 600V Pollution degree 2 IEC 61010-031, IEC 61010-2-032, IEC 61326
Power source	R03 (1.5V) $\times$ 2 *Continuous measuring time:DCV: approx. 150hours, ACA: approx. 25hours(Auto power save: approx. 15 minutes)
Dimensions	128 (L) $\times$ 92 (W) $\times$ 27 (D) mm
Weight	220g approx. (including batteries)
Accessories	R03 (1.5V) $\times$ 2, Instruction manual
Optional	9107 (Carrying case [Soft])



Measuring current in a Switchboard



Forklift maintenance



Automobile maintenance

## MODEL 2000 $\emptyset$ 6 MAX 60A / 2001 $\emptyset$ 10 MAX 100A

### KEWMATE



photo : 2001

DC AC V DC AC A  $\Omega$   $\rightarrow$   $\leftarrow$  Hz DATA HOLD AUTO POWER SAVE

- Capable of measuring AC and DC currents up to 60A(MODEL 2000) /100A (MODEL 2001) with OPEN CLAMP SENSOR.
- 3400 counts with bargraph display.
- Pocket size and heavy duty design.
- Sleep function to save battery consumption.
- Designed to international safety standard IEC 61010-1 CAT III 300V

	2000	2001
DC V	340mV/3.4/34/340/600V (Input impedance : 10M $\Omega$ ) $\pm$ 1.5%rdg $\pm$ 4dgt	
AC V	3.4/34/340/600V (Input impedance : 10M $\Omega$ ) $\pm$ 1.5%rdg $\pm$ 5dgt[50 - 400Hz]	
DC A	60A $\pm$ 2%rdg $\pm$ 5dgt	100A $\pm$ 2%rdg $\pm$ 5dgt
AC A	60A $\pm$ 2%rdg $\pm$ 5dgt(50/60Hz)	100A $\pm$ 2%rdg $\pm$ 5dgt(50/60Hz)
$\Omega$	340 $\Omega$ /3.4/34/340k $\Omega$ /3.4/34M $\Omega$ $\pm$ 1%rdg $\pm$ 3dgt(0 - 340k $\Omega$ ) $\pm$ 5%rdg $\pm$ 5dgt(3.4M $\Omega$ ) $\pm$ 15%rdg $\pm$ 5dgt (34M $\Omega$ )	
Continuity buzzer	Buzzer sounds below 30 $\pm$ 10 $\Omega$ (Continuity buzzer works on 340 $\Omega$ range only)	
Frequency	(AC A)3.4/10kHz $\pm$ 0.1%rdg $\pm$ 1dgt (AC V)3.4/34/300kHz $\pm$ 0.1%rdg $\pm$ 1dgt (Input sensitivity Current:more than 15A Voltage:more than 30V)	(Input sensitivity Current:more than 25A Voltage:more than 30V)
Conductor size	$\phi$ 6mm max.	$\phi$ 10mm max.
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-031, IEC 61010-2-032, IEC 61326-1	
Power source	R03(DC1.5V) $\times$ 2 *Continuous measuring time : approx. 45 hours (Auto power save : approx. 10 minutes)	
Dimensions	128(L) $\times$ 87(W) $\times$ 24(D)mm	128(L) $\times$ 92(W) $\times$ 27(D)mm
Weight	210g approx.	220g approx.
Accessories	R03(1.5V) $\times$ 2 Instruction manual	
Optional	9107(Carrying case[Soft])	