

LEAKAGE CLAMP METERS

KEW 2413F/2413R



2413R
Type **RMS** **068** **MAX 1000A** **AC A** **DATA HOLD** **10/100ms**
Resolution **0.1mA** **OUT PUT** **Filter** **2413R**

- Large transformer jaws of 68mm diameter makes it possible to clamp on all three or four wires (3 phases) together for leakage current measurement.
- Frequency filter switch to eliminate the effect of the harmonics.
- 2 way analogue output terminal.

photo : 2413R

	2413F	2413R
AC A (50/60Hz)	200mA/2/20/200A/1000A $\pm 1.5\%rdg \pm 2dgt(200mA/2/20A)$ $\pm 2\%rdg \pm 2dgt(200A/0 \sim 500A)$ $\pm 5.5\%rdg(501 \sim 1000A)$	200mA/2/20/200/1000A $\pm 2.5\%rdg \pm 5dgt(200mA/2/20A)$ $\pm 3.0\%rdg \pm 5dgt(200A/0 \sim 500A)$ $\pm 5.5\%rdg(501 \sim 1000A)$
AC A (WIDE)	200mA/2/20/200A/1000A $\pm 1\%rdg \pm 2dgt[50/60Hz]$ $\pm 3\%rdg \pm 2dgt[40Hz \sim 1kHz](200mA/2/20A)$ $\pm 1.5\%rdg \pm 2dgt[50/60Hz]$ $\pm 3.5\%rdg \pm 2dgt[40Hz \sim 1kHz](200A/0 \sim 500A)$ $\pm 5\%rdg[50/60Hz]$ $\pm 10\%rdg[40Hz \sim 1kHz](501 \sim 1000A)$	200mA/2/20/200/1000A $\pm 1.8\%rdg \pm 5dgt[50/60Hz]$ $\pm 3.0\%rdg \pm 5dgt[40Hz \sim 1kHz](200mA/2/20A)$ $\pm 2.0\%rdg \pm 5dgt[50/60Hz]$ $\pm 3.5\%rdg \pm 5dgt[40Hz \sim 1kHz](200A/0 \sim 500A)$ $\pm 5.0\%rdg[50/60Hz](501 \sim 1000A)$
Conductor size	$\phi 68mm$ max.	
Frequency response	40Hz~1kHz	
Effect of external stray magnetic field $\phi 15mm$ 100A	10mA AC max.	
Output	Waveform: AC200mV against the maximum value of each range (1000A range is 100mV) Recorder: DC200mV against the maximum value of each range (1000A range is 100mV)	
Crest factor	—	3.0 or Less
Applicable standards	IEC 61010-1 CAT. III 300V IEC 61010-2-032	
Power source	6F22(9V) $\times$ 1 *Continuous measuring time : approx. 60 hours	
Dimensions	250(L) $\times$ 130(W) $\times$ 50(D)mm	
Weight	570g approx.	600g approx.
Accessories	9094(Carrying case) 6F22 $\times$ 1 Instruction manual	
Optional	7073(2WAY Output cord)	

MODEL 2412



040 **MAX 500A** **Resolution 0.01mA** **AC A** **AC V** **Ω**
DATA HOLD **OUT PUT** **Filter** **External Power Supply** **AUTO POWER OFF**

- Digital clamp meter with tear drop shaped, medium size transformer jaws specially designed for leakage current measurement.
- Frequency filter switch to eliminate the effect of harmonics.

	2412
AC A (50/60Hz)	20/200mA/2/20/200/500A $\pm 1.5\%rdg \pm 5dgt(20/200mA/2A)$ $\pm 2\%rdg \pm 5dgt(20/200A)$ $\pm 2.5\%rdg \pm 5dgt(500A)$
AC A (WIDE)	20/200mA/2/20/200/500A $\pm 1\%rdg \pm 3dgt[50/60Hz]$ $\pm 5\%rdg \pm 5dgt[40 \sim 400Hz](20/200mA/2A)$ $\pm 1.5\%rdg \pm 3dgt[50/60Hz]$ $\pm 5\%rdg \pm 5dgt[40 \sim 400Hz](20/200A)$ $\pm 2\%rdg \pm 3dgt[50/60Hz]$ $\pm 5\%rdg \pm 5dgt[40 \sim 400Hz](500A)$
AC V	600V $\pm 2\%rdg \pm 5dgt[50/60Hz]$ $\pm 5\%rdg \pm 5dgt[40 \sim 400Hz]$
Ω	200 Ω $\pm 1.5\%rdg \pm 5dgt$
Conductor size	$\phi 40mm$ max.
Frequency response	40~400Hz
Effect of external stray magnetic field $\phi 15mm$ 100A	10mA AC max.
Output	Recorder: DC200mV against the maximum value of each range (500A range is 50mV)
Power source	6F22(9V) $\times$ 1 or AC adaptor *Continuous measuring time : approx. 100 hours (Auto power off : approx. 60 minutes)
Dimensions	209(L) $\times$ 96(W) $\times$ 45(D)mm
Weight	450g approx.
Accessories	7066A(Test leads) 9072(Carrying case) 8025(Output plug) 6F22 $\times$ 1 Instruction manual
Optional	8008(Multi-tran)* 8022(AC adaptor)(110V) 8023(AC adaptor)(220V) 7256(Output cord)

*These Multi-trans can not be used for leakage current measurement.

MODEL 2434



028 **MAX 100A** **Resolution 0.1mA** **AC A** **DATA HOLD** **Filter**
AUTO POWER SAVE

- Least affected by external stray magnetic field.
- 20mA AC max. in proximity to a 15mm-dia conductor carrying 100A AC.
- Frequency Selector Switch to eliminate the effect of harmonics.

	2434
AC A (50/60Hz)	400mA/4/100A $\pm 2\%rdg \pm 4dgt$
AC A (WIDE)	400mA/4/100A $\pm 2\%rdg \pm 4dgt[50/60Hz]$ $\pm 3\%rdg \pm 5dgt[40 \sim 400Hz]$
Conductor size	$\phi 28mm$ max.
Frequency response	40~400Hz
Effect of external stray magnetic field $\phi 15mm$ 100A	20mA AC max.
Applicable standards	IEC 61010-1 CAT. III 300V IEC 61010-2-032
Power source	R03(AAA) (1.5V) $\times$ 2 *Continuous measuring time : approx. 150 hours(Auto power save : approx. 10 minutes)
Dimensions	169(L) $\times$ 75(W) $\times$ 40(D)mm
Weight	220g approx.
Accessories	9097(Carrying case) R03 $\times$ 2 Instruction manual
Optional	8008(Multi-tran)*

*These Multi-trans can not be used for leakage current measurement.