

DIGITAL CLAMP METERS AC

KEW 2200/2200R



2200R
 TRUE RMS Ø33 MAX 1000A AC A DC V Ω
 DATA HOLD AUTO POWER OFF

- Ultra Slim and lightweight Handy design
- φ33mm Tear Drop Jaw easy to use in tight places.
- 1000A AC Clamp Meter
- DMM function ACV, DCV, Ω, Continuity Buzzer.
- Fuseless electronic protection on Ω/•) up to 600V
- DMM function ACV, DCV, Ω, Continuity Buzzer.
- Safety Standard IEC 61010-1, 61010-2-032 CAT IV 300V* / CAT III 600V *2200R only
- Minimum resolution 0.01A

photo : 2200R

	2200	2200R
Detection method	Averaging value	True RMS value
AC A	40.00/400.0/1000A (Auto-ranging) ±1.4%rdg±6dgt(50/60Hz) ±1.6%rdg±6dgt(45 - 65Hz)	40.00/400.0/1000A (Auto-ranging) ±1.5%rdg±5dgt(45 - 65Hz) ±2.0%rdg±5dgt(40Hz - 1kHz)
AC V	4.000/40.00/400.0/600V (Auto-ranging) ±1.8%rdg±7dgt(45 - 65Hz) ±2.3%rdg±8dgt(65 - 500Hz)	
DC V	400.0mV/4.000/40.00/400.0/600V (Auto-ranging) ±1.0%rdg±3dgt* *400mV range is excluded	
Ω	400.0Ω/4.000/40.00/400.0kΩ/4.000/40.00MΩ (Auto-ranging) ±2.0%rdg±4dgt(0 - 400kΩ) ±4.0%rdg±4dgt(4MΩ) ±8.0%rdg±4dgt(40MΩ)	
Continuity buzzer	buzzer sounds below 50±30Ω	
Conductor size	φ33mm max.	
Applicable Standards	IEC 61010-1 CAT IV 300V*, CAT III 600V Pollution degree2(AC/A) *2200R only CAT III 300V, CAT II 600V Pollution degree2(AC/DC V) IEC 61010-031, IEC 61010-2-032, IEC 61326(EMC)	
Power source	R03/LR03(AAA)(1.5V) × 2	
Continuous measuring time	Approx.350 hours	Approx.120 hours
Auto power off : approx.10 minutes		
Dimensions	190(L) × 68(W) × 20(D)mm	
Weight	Approx.120g(including batteries)	
Accessories	7107A (Test leads), 9160 (Carrying case), R03(AAA) × 2, Instruction manual	

KEW 2204R NEW



TRUE RMS CAT IV 600V Ø70 MAX 400A AC A
 DATA HOLD MAX/MIN AUTO POWER OFF

- Flexible and light weight clamp sensor
- True RMS
- MIN / MAX function
- Backlight LCD display
- IEC 61010-1 (CAT IV 600V / CAT III 1000V)
- Minimum resolution 0.001A

CE

	2204R
AC A (RMS)	
Range	4.000/40.00/400.0A
Accuracy	±3%rdg±5dgt[45-500Hz] (At the center of the circle formed by the flexible sensor)
Crest factor	Full scale CF<1.6, half scale<3.2 Effective input crest values are √2 times of the max values of each range.
Conductor size	φ70mm max.
Influence of Conductor position	Additional ±2%(max.) depending on the distance from the center position
Overload protection	500A AC for 10 seconds
Applicable Standards	IEC 61010-1, IEC 61010-2-032 CAT IV 600V / CAT III 1000V Pollution degree 2 IEC 61326-1(EMC) , IEC 60529 IP40
Operating temperature & humidity	0 - +50°C, less than 80% RH (without condensation)
Storage temperature & humidity	-10 - +60°C, less than 70% RH (without condensation)
Power source	R03 / LR03(AAA)(1.5V) × 2 *Continuous measuring time : approx. 120 hours (Auto power off : approx.15 minutes)
Dimensions	120(L) × 70(W) × 26(D) mm : Display unit 1.8m : Sensor cable
Weight	200g Approx. (including batteries)
Accessories	9174 (Carrying case), LR03(AAA) × 2, Instruction manual

KEW 2210R



TRUE RMS CAT IV 600V Ø150 MAX 3000A AC A
 DATA HOLD MAX/MIN AUTO POWER OFF

- Flexible and light weight clamp sensor
- Wide reading range up to 3000A
- True RMS
- MIN / MAX function
- Backlight LCD display
- IEC 61010-1 (CAT IV 600V / CAT III 1000V)
- Minimum resolution 0.01A

CE

	2210R
AC A (RMS)	
Range	30.00/300.0/3000A
Accuracy	±3%rdg±5dgt [45 - 500Hz] (At the center of the circle formed by the flexible sensor)
Crest factor	Full scale CF<1.6, half scale<3.2 Effective input crest values are √2 times of the max values of each range.
Conductor size	φ150mm max.
Influence of Conductor position	Additional ±3% (max.) depending on the distance from the center position
Overload protection	5000A AC for 10 seconds
Applicable Standards	IEC 61010-1, IEC 61010-2-030 CAT IV 600V / CAT III 1000V Pollution degree 2 IEC 61010-2-032, IEC 61326-1 (EMC), IEC 60529 IP40
Operating temperature & humidity	0 - +50°C, less than 80% RH (without condensation)
Storage temperature & humidity	-10 - +60°C, less than 70% RH (without condensation)
Power source	R03 / LR03 (AAA) (1.5V) × 2 *Continuous measuring time: approx. 120hours (Auto power off: approx. 15 minutes)
Dimensions	120 (L) × 70 (W) × 26 (D) mm : Display unit 1.8m : Sensor cable
Weight	Approx. 300g (including batteries)
Accessories	9174 (Carrying case), LR03 (AAA) × 2, Instruction manual