



Line up

TOP / Line up / CLAMP METER / FORK CURRENT TESTER / KEW 2300R



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## FORK CURRENT TESTER KEW 2300R



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- "Non Contact Voltage" function indicates the presence of AC voltage by warning through an audible signal
- Zero adjustment of DC current is possible at the push of a button
- Auto Power Off
- Minimum resolution 0.1A

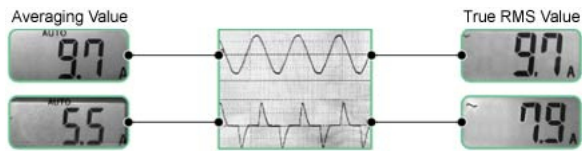
φ10	MAX 100A	V	V	A	A	Ω	🔊	➔	⏏	📶
NCV	☀️	DATA HOLD	PEAK HOLD	MAX MIN AVG	REL	FILTER	MEMORY	📶	OUTPUT	AU
🔌	TRUE RMS	CAT IV 600V	🔗 KEW CONNECT	CE						

## Product Overview



KEW 2300R can be used in crowded connection boxes, where cables are very short, and space is too limited to clamp cable traditional clamp meter.

### True RMS (Root Mean Square) Value Measurement



When load current is not affected by the distortion, both averaging value type and true RMS (root mean square) type clamp meters show the almost about 10A with constant wave-form as the above display samples. However, when load current is affected by some distortions such as inverter, etc., value type clamp meter indicates 5.5A instead of 9.7A and true RMS type clamp meter indicates 7.9A instead of 9.7A with irregular wave-form. Accor RMS type clamp meter is recommendable for the measurement of the equipment with inverter control devices.

Due to the use of thyristors, inverters and other energy-saving controllers in recent electric wiring, current waveforms often include harmonic comp are distorted compared to sinusoidal waves (50/60Hz).

The Kyoritsu True RMS value tester is able to measure distorted waveforms using true RMS since waveforms are being internally calculated continuc contrast, when measurements are made with a averaging value tester, errors are generated in the measurement value because the tester cannot cor track distorted waveforms.

(Compared to the true RMS value tester, measurement values for the averaging value generate more than 30% errors in some cases.)

## Specification

<b>Current measurement</b>	AC A 0 to 100.0A $\pm 2.0\%$ rdg $\pm 5$ dgt [50/60Hz] DC A 0 to $\pm 100.0$ A $\pm 2.0\%$ rdg $\pm 5$ dgt
<b>Crest factor</b>	2.5
<b>Non contact voltage</b>	Detect AC voltage without contacting with socket wire. During voltage detection, "Hi" flashes and a buzzer sounds.
<b>Maximum digit</b>	1,049
<b>Conductor size</b>	Max $\phi$ 10mm
<b>Safety Standard</b>	IEC 61010-1 CAT III 300V Pollution degree 2
<b>Power source</b>	R03 (AAA)(1.5V) $\times$ 2 (Auto power off: Approx.10 minutes) *Continuous measuring time: AC A Approx. 46 hours, DC A Approx. 52 hours
<b>Dimension</b>	161(L) $\times$ 40(W) $\times$ 30(D)mm
<b>Weight</b>	110g (including battery)
<b>Accessories</b>	<a href="#">9113</a> (Carrying Case) R03 (1.5V) $\times$ 2 Instruction Manual

## Accessories



CASE  
MODEL 9113

## Catalog & Document

Product Catalog      KEW 2300R Product Catalog (248.74 KB)

Instruction Manual      KEW 2300R Instruction Manual (Spanish) (263.50 KB)  
KEW 2300R Instruction Manual (577.29 KB)

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## Product category



CLAMP METER



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SENSOR

EVSE ADAPTER

ACCESSORY

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