

FEATURES :

- Autoranging
- Hold & VFD Function
- MAX, MIN Function
- Inrush Current Measurement
- Live wire Identification
- Clear the data function
- Reading hold mode
- AC/DC Voltage
- Inrush Current Measurement
- Non-Contact AC Voltage Detection
- Auto Power Off after 10 minutes
- Low battery indication
- Frequency measurement of AC Voltage & AC Current input signal.
- Variable Frequency Drive Measurement (V/Hz)
- Automatic shutdown
- Negative electrode
- Diode & Continuity Test

NEW

 CAT III 1000V
 CAT IV 600V


CE

Preliminary Data

GENERAL SPECIFICATIONS :

- * Sensing : True RMS sensing
- * Display : 3-5/6 Digit 5999 counts
backlight LCD display
- * Jaw Opening : 42 mm Max.
- * Length of iFlex clamp : 1.8m
- * Size of iFlex clamp : 7.5mm
- * Full-range overload protection voltage : 1000V
- * Automatic range
- * ACCESSORIES : Test leads, User's manual,
Battery, Thermocouple & Carrying case
- * Operation altitude : Max. 2000m
- * The maximum input voltage at
com and input end : AC 750V/DC 1000V
- * Overrange display : OL or OL
- * Sampling time: About 3 time/second
- * Working Temperature : 0°C~40°C
- * Storage Temperature : -10°C~50°C
- * Power : 3 x 1.5V AAA battery.
- * Dimension : Approx. 250(L)x85(W)x45(H)mm.
- * Weight : Approx. 368 gm (excluding battery)

ELECTRICAL SPECIFICATIONS KM 9999A+
DC VOLTAGE

Range	Resolution	Accuracy
600 mV	0.1 mV	±(0.5% rdg + 3 dgts)
6 V	0.001 V	
60 V	0.01 V	
600 V	0.1 V	±(0.8% rdg + 3 dgts)
1000 V	1 V	

Input resistance : 10MΩ

The maximum input voltage : 1000V DC

AUTO-V LoZ DC VOLTAGE

Range	Resolution	Accuracy
1000 V	1 V	±(1.0% rdg + 5 dgts)

Input impedance : 1MΩ

The maximum input Voltage : 1000V DC

AC CURRENT

Range	Resolution	Accuracy
60A	0.1 A	± (2.0% rdg + 5 dgts)
600A	1 A	± (2.5% rdg + 5 dgts)
1000A	1 A	

Maximum Input Current : 1000A AC

Frequency Range : 40 ~ 400Hz

DC CURRENT

Range	Resolution	Accuracy
60A	0.1 A	± (2.0% rdg + 5 dgts)
600A	1 A	± (2.5% rdg + 5 dgts)
1000A	1 A	

CONTINUITY TEST

Function	Range	Description
	600Ω	When the Resistance is less than 50Ω, the buzzer sounds.

Overload Protection : 1000V

Open Circuit Voltage : about 2V

AC VOLTAGE

Range	Resolution	Accuracy
6 V	0.001 V	±(0.8% rdg + 5 dgts)
60 V	0.01 V	
600 V	0.1 V	±(1.0% rdg + 5 dgts)
750 V	1 V	

Input resistance : 10MΩ

Overload protection : 750V AC

Frequency Response : 40Hz ~ 1KHz

AUTO-V LoZ AC VOLTAGE

Range	Resolution	Accuracy
750 V	1 V	±(1.2% rdg + 5 dgts)

Input impedance : 1MΩ

Overload protection : 750V AC

Frequency Response : 40Hz ~ 1KHz

CAPACITANCE

Range	Resolution	Accuracy
600 nF	0.1 nF	±(4.0%rdg + 5 dgts)
6 μF	0.001 μF	
60 μF	0.01 μF	
600 μF	0.1 μF	±(5.0%rdg + 10 dgts)
6 mF	0.001 mF	
60 mF	0.01 mF	

Overload Protection : 1000V

DIODE TEST

Function	Range	Description
	0.15V ~ 2.5V	Forward DC Current : about 1mA Open Circuit Voltage : about 4V The approx. value of diode forward voltage drop

Overload Protection : 1000V

RESISTANCE

Range	Resolution	Accuracy
600 Ω	0.1 Ω	±(1.0 %rdg + 5 dgts)
6 KΩ	0.001 kΩ	
60 KΩ	0.01 kΩ	
600 KΩ	0.1 kΩ	±(2.0%rdg + 5 dgts)
6 MΩ	0.001 MΩ	
60 MΩ	0.01 MΩ	

Overload Protection : 1000V rms

Open Circuit Voltage : 0.5V

INRUSH CURRENT

Range	Resolution	Accuracy
1000A	1 A	<10A for reference only ± (10% reading + 60 dgts)

TEMPERATURE

Range	Resolution	Accuracy
-20 ~ 1000°C	1°C	± (2.0% rdg + 2 dgts)
-4 ~ 1832°F	1°F	± (2.0% rdg + 4 dgts)

Overload Protection : 1000V

iFlex CURRENT (Optional)

Range	Resolution	Accuracy
3000A	1 A	± (3.0% reading + 5 dgts) increase 2% when C.F.>2

Maximum Input Current : 3000A AC

Frequency Range : 40 ~ 400Hz