ORDER CODE **HP009014**

HT9014

PROFESSIONAL CLAMP METER AC 600A
TRMS, CAT IV 600V

Professional clamp meter HT9014 has been designed to measure **AC current up to 600A and AC/DC voltage up to 1000V TRMS** to reach **CAT IV 600V** and **CAT III 1000V** in compliance with standard **IEC/EN61010-1**. The clamp is provided with a wide **backlight display** with **6000 measuring spots** and an auto power off function to preserve its battery.

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Functions

- Measurements in TRMS, DC/AC voltage, AC current
- Resistance / Continuity test, Frequency
- "Voltsense" sensor
- Diode test, Temperature with K-type probe
- Capacity, Duty Cycle
- Autorange, Data HOLD, MAX/MIN
- PEAK CURRENT (<10ms)
- Relative measurement, Bargraph, Backlight, AutoPowerOFF

Main features

Display:	LCD, 4 digits, 6000 dots
Conversion type:	TRMS
Power supply:	1x9V battery type IEC 622
Auto Power OFF:	after 30 minutes' idling
Clamp jaw internal diameter	30mm
Safety:	IEC/EN61010-1
Measurement category:	CAT IV 600V — CAT III 1000V
Size (LxWxH):	210x75x45mm
Weight (batteries included):	400g

Accessories provided

YAAMK0000HT0	Pair of test leads
T10	Adapter for K-type wire probe
TK101	K-type wire probe
	Battery, User manual and Soft carrying bag

Technical Specifications

DC voltage
- Measuring range: 3mV ÷ 1000V
- Resolution: 0.1V ÷ 1V
- Basic accuracy: ±(1.0%reading + 3digits)
- Protection: 1000VDC/AC

AC voltage
- Measuring range: 0.03V ÷ 1000V
- Frequency band: 50 ÷ 400Hz
- Resolution: 0.01V ÷ 1V
- Basic accuracy: ±(1.0%reading + 10digits)
- Protection: 600Vrms

AC current
- Measuring range: 0.3A ÷ 600A
- Frequency band: 50 ÷ 400Hz
- Resolution: 0.1A ÷ 1A
- Basic accuracy: ±(2.8%reading + 8digits)
- Protection: 600Arms

Resistance and Continuity test
- Measuring range: 3Ω ÷ 60kΩ
- Resolution: 0.1Ω ÷ 0.01kΩ
- Basic accuracy: ±(1.0%reading + 5digits)
- Continuity test: <60Ω

Capacity
- Measuring range: 0.2nF ÷ 4mF
- Resolution: 0.01µF ÷ 1µF
- Basic accuracy: ±(2.5%reading + 5digits)

Temperature with K-type probe
- Measuring range: -20°C ÷ 760°C
- Resolution: 0.1°C
- Basic accuracy: ±(2.0%reading + 3°C)

Frequency with test leads and clamp jaws
- Measuring range: 0.5Hz ÷ 60kHz
- Resolution: 0.01Hz ÷ 0.01kHz
- Basic accuracy: ±(1.0%reading + 5digits)
- Protection: 600A/600V

Functions

- DC/AC voltage
- AC current
- Resistance / Continuity test
- "Voltsense" sensor
- Diode test
- Data HOLD
- MAX function
- Backlight
- AutoPowerOFF

Main features

Display:	LCD, 3 1/2 digits, 2000 dots
Conversion type:	average value
Power supply:	1x9V battery type IEC 622
AutoPowerOFF:	after 30 minutes' idling
Clamp jaw internal diameter	30mm
Safety:	IEC/EN61010-1
Measurement category:	CAT IV 600V — CAT III 1000V
Size (LxWxH):	210x75x45mm
Weight (batteries included):	400g

Technical Specifications

DC voltage
- Measuring range: 1mV ÷ 1000V
- Resolution: 0.1mV ÷ 1V
- Basic accuracy: ±(1%reading + 3digits)
- Protection: 1000V DC/AC

AC voltage
- Measuring range: 1mV ÷ 1000V
- Frequency band: 50 ÷ 60Hz
- Resolution: 0.1mV ÷ 1V
- Basic accuracy: ±(1%reading + 4digits)
- Protection: 1000V DC/AC

AC current
- Measuring range: 0.01A ÷ 600A
- Frequency band: 50 ÷ 60Hz
- Resolution: 1mA ÷ 1A
- Basic accuracy: ±(2.5%reading + 4digits)
- Protection: 600Arms

Resistance and Continuity test
- Measuring range: 1Ω ÷ 20MΩ
- Resolution: 0.1Ω ÷ 0.01MΩ
- Basic accuracy: ±(1.0%reading + 5digits)
- Continuity buzzer: <100Ω

Accessories provided

YAAMK0000HT0	Pair of test leads
	Battery
	User manual and Soft carrying bag