



TRMS

ORDER CODE **HP009019**

HT9019

PROFESSIONAL CLAMP METERS
AC 1000A TRMS, CAT IV 600V

Professional clamp meter HT9019 has been designed to measure **AC current up to 1000A and AC/DC voltage up to 1000V in TRMS** to reach **CAT IV 600V** according to standard **IEC/EN61010-1**. The clamp is provided with a wide display with **6000 measuring spots, backlight** and analogue **bargraph** to allow for a simple reading even in poorly lit environments. Clamp HT9019 is also provided with the auto power off function to preserve its own battery.



TRMS

ORDER CODE **HP009015**

HT9015

AC/DC TRMS 600A CAT IV CLAMP METER
WITH TEMPERATURE MEASUREMENT

HT9015 has been designed to measure **AC/DC current up to 600A and AC/DC voltage up to 1000V in TRMS** reaching **CAT IV 600V and CAT III 1000V** in compliance with **safety standard IEC/EN61010-1**. The clamp is provided with a display with **6000 measuring spots with backlight** and **bargraph** to allow for a simple reading even in poorly lit environments. HT9015 also measures **Resistance, Frequency, Capacity** and **Temperature** with K-type probe.



Functions

- TRMS measurements
- AC current up to 1000A
- AC/DC voltage up to 1000V
- Resistance and Continuity test
- "Voltsense" for AC voltage detection
- Autorange
- Data HOLD
- MAX/MIN
- PEAK CURRENT (<10ms)
- Bargraph
- Backlight
- AutoPowerOFF



Technical Specifications

DC voltage (Autorange)

- Measuring range: 3mV ÷ 1000V
- Resolution: 0.01mV ÷ 1V
- Basic accuracy: ±(1.0%reading + 3digits)
- Protection against overcharge: 1000VDC/ACrms

AC TRMS voltage (Autorange)

- Measuring range: 0.03V ÷ 1000V
- Frequency band: 50Hz ÷ 400Hz
- Resolution: 0.001V ÷ 1V
- Basic accuracy: ±(1.0%reading + 4digits)
- Protection against overcharge: 1000VDC/ACrms

AC TRMS current

- Measuring range: 0.3A ÷ 1000A
- Frequency band: 50Hz ÷ 400Hz
- Resolution: 0.01A ÷ 1A
- Basic accuracy: ±(2.8%reading + 8digits)
- Protection against overcharge: 1000Arms

Resistance and Continuity test

- Measuring range: 3Ω ÷ 60MΩ
- Resolution: 0.1Ω ÷ 0.01MΩ
- Basic accuracy: ±(1.0%reading + 5digits)
- Continuity buzzer: <50Ω



Functions

- TRMS measurements
- AC/DC voltage up to 1000V
- AC/DC current up to 600A
- Resistance and Continuity test
- "Voltsense" for AC voltage recognition
- Frequency with clamp jaws and leads
- Capacity
- Duty cycle
- Diode test
- Temperature with K-type probe
- Autorange
- Data HOLD
- MAX/MIN
- PEAK (<10ms)
- Relative measurements
- Backlight and Bargraph
- Auto Power OFF



Main features

Display: LCD, 4 digits, 6000 dots
Conversion type: TRMS
Power supply: 1x9V battery type IEC6F22
Auto Power OFF: after 15 minutes' idling
Max diameter of clamp: 30mm
Safety: IEC/EN61010-1
Measurement category: CAT IV 600V - CAT III 1000V
Insulation: double insulation
Pollution level: 2
Size (LxWxH): 210x75x45mm
Weight (batteries included): 400g



Technical Specifications

DC voltage (Autorange)

- Measuring range: 3mV ÷ 1000V
- Basic accuracy: ±(1.0%reading + 3digits)

AC TRMS voltage (Autorange)

- Measuring range: 0.03V ÷ 1000V
- Frequency range: 50Hz ÷ 400Hz
- Basic accuracy: ±(1.0%reading + 4digits)

DC current

- Measuring range: 0.3A ÷ 600A
- Basic accuracy: ±(2.0%reading + 8digits)

AC TRMS current

- Measuring range: 0.3A ÷ 600A
- Frequency range: 50Hz ÷ 400Hz
- Basic accuracy: ±(2.8%reading + 8digits)

Resistance and Continuity test

- Measuring range: 3Ω ÷ 60MΩ
- Basic accuracy: ±(1.0%reading + 5 digits)
- Buzzer: <50Ω

Frequency with clamp jaws and leads

- Measuring range: 0.5Hz ÷ 60kHz
- Basic accuracy: ±(1.0%reading + 5digits)

Capacity

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

Temperature with K-type probe

- Measuring range: -20°C ÷ 760°C; -4°F ÷ 1400°F
- Basic accuracy: ±(2.0%reading + 6°F)



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	



Main features

Display: LCD, 4 digits, 6000 dots
Conversion type: TRMS
Power supply: 1x9V batteries type IEC 6F22
Auto Power OFF: after 15 minutes' idling
Clamp jaw internal diameter: 45mm
Safety: IEC/EN61010-1
Measurement category: CAT IV 600V – CAT III 1000V
Insulation: double insulation
Pollution level: 2
Size (LxWxH): 252x88x44mm
Weight (batteries included): 420g



Accessories provided

YAAMK0000HT0	Pair of test leads
YABRS0000NNO	Soft carrying bag
Batteries and user manual	