

HT9021 - HT9015

AMPEROMETRIC CLAMPS AC/DC 1000A AND 600A TRMS CAT IV

HT9021 and HT9015 have been designed for measuring AC/DC current respectively up to 1000A and up to 600A in TRMS reaching CAT IV 600V in compliance with standard IEC/EN61010-1. The clamps are provided with a wide display with 6000 reading dots, backlighting and analog bargraph to facilitate reading also in poorly lit environments. These models also carry out resistance, frequency, capacitance, temperature with type K probes and duty cycle measurements.

FUNCTIONS

- Measurements in TRMS
- AC/DC current up to 1000A (HT9021)
- AC/DC current up to 600A (HT9015)
- Resistance and continuity test
- "Voltsense" for detecting AC/DC voltage
- Frequency
- Capacitance
- Temperature with K-type probe
- Diode test
- Duty Cycle
- Autorange
- Data HOLD
- MAX/MIN
- Peak current (<10ms)
- Relative measurement
- Bargraph
- Backlight
- AutoPowerOFF

GENERAL SPECIFICATIONS

Display:	LCD, 4 digits, 6000 dots
Conversion type:	TRMS
Power supply:	1x9V battery type IEC 6F22
AutoPowerOff:	after 15 min of idleness
Clamp inner diameter:	45mm (HT9021) 30mm (HT9015)
Safety:	IEC/EN61010-1
Insulation:	double insulation
Pollution degree:	2
Measurement category:	CAT IV 600V - CAT III 1000V
Dimensions (LxWxH):	252x88x44mm (HT9021) 210x75x45mm (HT9015)
Weight (batteries included):	420g (HT9021) 400g (HT9015)

TECHNICAL SPECIFICATIONS

DC voltage (Autorange)	
Measuring range:	0.01mV ÷ 1000V
Basic accuracy:	±(1.0%reading + 3digits)
AC TRMS voltage (Autorange)	
Measuring range:	0.001V ÷ 1000V
Bandwidth:	50Hz ÷ 400Hz
Basic accuracy:	±(1.0%reading + 4digits)
DC current	
Measuring range:	0.01A ÷ 1000A (HT9021) 0.01A ÷ 600A (HT9015)
Basic accuracy:	±(2.0%reading + 8digits)
AC TRMS current	
Measuring range:	0.01A ÷ 1000A (HT9021) 0.01A ÷ 600A (HT9015)
Bandwidth:	50Hz ÷ 400Hz
Basic accuracy:	±(2.8%reading + 8digits)
Resistance and continuity test	
Measuring range:	0.1Ω ÷ 60MΩ
Basic accuracy:	±(1.0%reading + 5digits)
Continuity buzzer:	<50Ω
Frequency with clamp and probes	
Measuring range:	0.01Hz ÷ 60kHz
Basic accuracy:	±(1.0%reading + 5digits)
Capacitance	
Measuring range:	0.01nF ÷ 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 + 3°C); ±(2.0%reading + 6°F)

ACCESSORIES

Standard

- Pair of probes
- K-type wire probe + adapter
- Battery
- Transport bag
- User manual

Optional

- K-type thermocouples

NEW

HT9021
HP009021

NEW

HT9015
HP009015



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