

sofamel

Product Technical Specifications

Mod. CTL-1000

Digital multimeter with AC/DC current clamp

Functionality

Digital AC/DC clamp meter, T-RMS, automatic and manual range, with a VFD frequency converter.

CTL-1000 has a large 13 mm HD display with 6000 digits, with backlight function which makes reading easier.

It has the functions of AC and DC voltage, AC and DC current, resistance, capacitance, temperature, low impedance voltage, diode measurement, continuity and NCV (non-contact voltage detection).



AC Voltage Measurement	AC Voltage&AC Current Measurement	AC Voltage&DC Current Measurement	AC Current Measurement
500 Hz ~3800 V	~5999 A ~2200 V	~5999 A ~2200 V	500 Hz ~6000 A

Specifications and feature

- Automatic measurement and range selection.
- Overload protection for the entire measuring range.
- Data hold function, low power indication and automatic shut-off.
- High quality and easy to use.
- LED flashlight

SPECIFICATIONS	RANGE	ACCURACY
DCV	0.5V~1000.0V	±(0.5%+3)
ACV(40~65Hz)	1.0~1000.0V	±(0.8%+5)
Ω	0~10MΩ	±(0.8%+3)
Continuity	< 30Ω	< 30Ω
ACA(40~65Hz)	10mA~1000A	±(2.5%+8)
	500mA~1000A	±(3.0%+10)
DCA	10mA~1000A	±(2.5%+8)



Digital multimeter with AC/DC current clamp

	500A~1000A	±(3.0%+10)
Frequency	±(1%rdg+5)	
Storage temperature	-10~+50°C	±(1%+2)
Working temperature	-20~+1000°C	±(1%+2)
FEATURE		
Counts	6000	
RANGE	Auto	
ACA(AC+DC)	60A/600A/1000A	
DCA	60A/600A/1000A	
DCA	6V/60V/600/1000V	
ACV(AC+DC)	6V/60V/600V/1000V	
Continuity	√	
Ω	6kΩ/60kΩ/600kΩ/6MΩ/10MΩ	
DCuA	√200μA/VFD	
Frequency(Clamp)	1kHz	
Frequency(Voltage)	1kHz	
°C/°F	-20~1000°C / -4~1832°F	
LPF(1kHz-3dB)	√	
LowZ	DCV: 1000V / ACV1000V	
Capacitance	60nF/600nF/6uF/60uF/600uF/6mF/60mF	
Data Hold	√	
BackLight	√	
NCV	√	
Low Battery Indication	√	
Auto Power Off	√	
Dual Display	√	
GENERAL		
Power Supply	3 × 1.5V AAA Battery	
Weight	314,5 g	
Size	246mm×85mm×40mm	
Jaw Size	Ø 40mm	

Standards

Conforms to EN61010-1, EN61010-2-033, EN61326, CAT III 600 V/CAT IV 1000 V