

METRAVI PRO®

1000A TRMS AC/DC CLAMP METER PRO UNIKS C128

INTRODUCTION

The Metravi Pro Uniks C128 Clamp Meter is designed for use in both industrial and civil sectors. It carries out TRMS measurements of voltage up to 1000V AC/DC* and current from 0.1A up to 1000A AC.

The modern design, the fluid mechanics and the 2" display with DUAL DISPLAY function facilitates work in the field, making it the most complete instrument in the range.

It is equipped with a built-in voltage detector that turns on if placed near live conductors and an integrated torch that allows you to work even in very dark places.

FEATURES

- Non-contact Voltage detection
- InRush Current
- Voltage measurement with low impedance VLoz
- Voltage and Current VFD Filter
- Duty Cycle
- Diode Test
- Polarity Test
- Auto and Manual Range
- Bandwidth for TRMS measurements of 1KHz
- Relative measurements
- REL function
- Data Hold
- Low battery indication
- Auto Power-off
- Built-in LED Flashlight
- Over Range indication
- Overload Protection
- Input protection from over voltage 1000V AC/DC RMS
- Certified CATIV 600V, CATIII 1000V
- Made in Europe



*Technical Specifications & Appearance are subject to change without prior notice

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GENERAL SPECIFICATIONS

- **Display:** 6000 Counts 2 inch Backlit LCD
- **Range:** Auto and Manual Range
- **Sampling Time:** 3 times/second
- **Polarity Indication:** Automatically indicate, '-' means negative polarity
- **Over Range Indication:** '0L' or '-0L'
- **Power supply:** 3 x 1.5V AAA batteries
- **Auto Power Off:** after 10 minutes of no usage
- **Battery Low Voltage Indication:** LCD display symbol
- **Temperature Coefficient:** < 0.1×accuracy degree/ °C
- **Protection:** Overload Protection; Input protection from over voltage 1000V AC/DC RMS
- **Certifications:** CATIV 600V, CATIII 1000V
- **Operating Temperature:** 0°C ~ 50°C
- **Storage Temperature:** -10°C ~ 50°C
- **Altitude:** Maximum 2000m
- **Accessories:** Test leads, User Manual, 3 AAA Batteries, Carrying Case, K-Type Thermocouple



TECHNICAL SPECIFICATIONS

AC CURRENT TRMS

Range	Resolution	Accuracy
60A	0.01A	±(2.5% reading +8 digits)
600A	0.1A	
1000A	1A	

Minimum Input Value of AC Current: 0.1A (RMS)
Maximum Input Value of AC Current: 1000A (RMS)
Frequency Range: 45Hz ~ 1000Hz

AC VOLTAGE TRMS

Range	Resolution	Accuracy
6V	0.001V	±(0.8% reading +5 digits)
60V	0.01V	
600V	0.1V	
1000V	1V	±(1.0% reading +5 digits)

Minimum Input Value of AC Voltage: 1mV (RMS)
Maximum Input Value of AC Voltage: 1000V (RMS)
Frequency Range: 45Hz ~ 1000Hz

DC CURRENT

Range	Resolution	Accuracy
60A	0.01A	±(3.0% reading +10 digits)
600A	0.1A	
1000A	1A	

Minimum Input Value of DC Current: 60mA
Maximum Input Value of DC Current: 1000A

DC VOLTAGE

Range	Resolution	Accuracy
6V	0.001V	±(0.5% reading +5 digits)
60V	0.01V	
600V	0.1V	
1000V	1V	

Frequency Input Range: 10Hz ~ 10kHz
Input Signal Range: ≥ 0.8VAC Voltage (RMS)

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TECHNICAL SPECIFICATIONS

FREQUENCY / DUTY CYCLE CURRENT FREQUENCY

Range	Resolution	Accuracy
100Hz	0.01Hz	±(1.0% reading +5 digits)
1000Hz	0.1Hz	
10kHz	0.001kHz	
1%-99%	0.1%	±(3.0% reading +2 digits)

Frequency Input Range: 10Hz ~ 10kHz
Input Signal Range: ≥ 30A AC current (RMS)

CONTINUITY

Range	Resolution	Accuracy
•••	1	If the resistance of circuit being measured is less than 50, then the beeper in the meter may sound

Overload Protection: 1000V DC or AC (RMS)

RESISTANCE

Range	Resolution	Accuracy
600Ω	Ω.0.1	±(1.0% reading+3 digits)
6kΩ	0.001kΩ	
60kΩ	0.01kΩ	
600kΩ	0.1kΩ	
6MΩ	0.001MΩ	
60MΩ	0.01MΩ	±(1.2% reading+30 digits)

Protection Against Overcharge : 1000V DC/AC RMS.

VOLTAGE FREQUENCY

Range	Resolution	Accuracy
100Hz	0.01Hz	±(1.0% reading +5 digits)
1000Hz	0.1Hz	
10kHz	0.001kHz	
1%-99%	0.1%	±(3.0% reading +2 digits)

Frequency Input Range: 10Hz ~ 10kHz Input
Signal Range: ≥ 0.8VAC Voltage (RM)

DIODE

Range	Resolution	Accuracy
2.000V	0.001V	Displays approximate value of diode forward voltage drop

Overload Protection: 1000V DC or AC (RMS)

CAPACITANCE

Range	Resolution	Accuracy
60.00nF	0.01nF	±(4.0% reading+3 digits)
600.0nF	0.1nF	
6.000uF	1nF	
60.00uF	10nF	
600.0uF	100nF	
6.000mF	1uF	±(5.0% reading+5 digits)
60.00mF	10uF	

Protection Against Overcharge : 1000V DC/AC RMS.

TEMPERATURE (K-TYPE)

Range	Resolution	Accuracy
-20 ~ 100 0°C (-4 ~ 1832 °F)	1°C/2°F	±(2.0% reading +2 digits)

Overload protection: 1000V DC or AC (RMS)