



SKILL

1000A TRMS AC/DC FULLY AUTOMATIC CLAMP METER

AUTOMATIC TECHNOLOGY.

DIVINE ABILITIES.

No skills needed when you use the Skill!

The Metravi Uniks SKILL Clamp Meter is characterised by the ability to AUTOMATICALLY recognise whether to carry out AC/DC TRMS Current or AC/DC TRMS Voltage or Resistance/Continuity measurements, all in the AUTO RANGE - in AUTO AC/DC and it comes with a CAT IV 600V certification.

The SKILL lets you choose to display TWO real time measurements at the same time from the below combinations:

Current/Voltage

Current/Resistance

Current/Continuity

Current/Hz or Voltage/Hz

The SKILL is equipped with an advanced microprocessor that allows readings from 200mA up to 1000A in both TRMS AC and DC.

It allows you to AUTOMATICALLY recognise whether you are measuring AC or DC Current/Voltage.

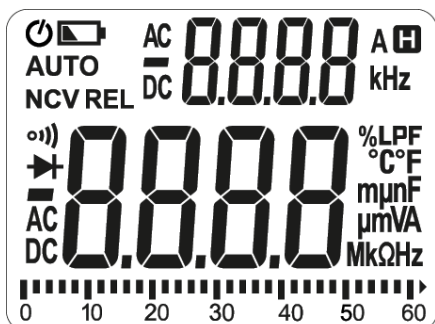
The Practical Phase Finder and the Low Pass Filter ensures precise readings to be displayed even in the presence of particularly distorted signals, filtering out high frequencies.







The powerful flashlight and backlight allow you to work in dark and low light environments.

Instructions to rotary switch

- OFF** Meter OFF position
AUTO Automatic range measurement mode

LCD display




	Automatic shutdown indicate
	Battery low voltage indication
AUTO	Auto range
REL	Relative measurement mode
NCV	Non-contact voltage detection
	Connected disconnect indicate
	Diode measurement mode
	data negative sign
DC、AC	DC、AC
	Readings hold status
%	Duty cycle symbol
Hz、kHz	Hertz, Kilohertz
LPF	low pass filter indicator
mA、A	Current value unit: mA、A
mV、V	Voltage value unit: mV、V
Ω、kΩ、MΩ	Ohm,Kilohm, Megohm (resistance)

Specifications

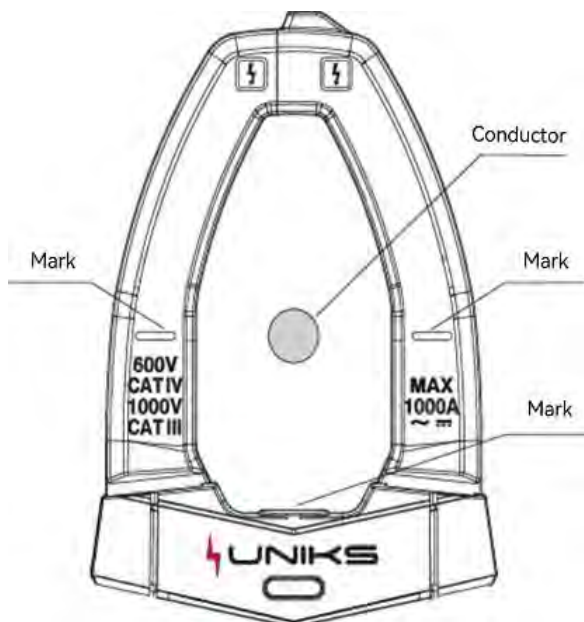
One year is specified as a cycle to re-calibrate in the conditions of 18°C ~ 28°C and Relative Humidity less than 75%.

Overview

- Automatically select measurement function and range
- Overload protection for the whole measurement range. .
- Maximum allowable voltage between the measuring terminal and the ground: 600V DC or 600V AC.
- Work height: maximum 2000m
- Display: LCD
- Maximum display value: 6000 digits.
- Polar indication: automatically indicate, '-' means negative polarity
- Over range Indication: 'OL' or '-OL'
- Sampling time: about 3 times/s, analog strip 10 times/s.
- Unit display: with function and quantity of electricity unit display
- Automatic Power off time: 10 minutes
- Power supply: 1.5V AAA battery ×3
- Battery low voltage indication: LCD display  symbol
- Temperature coefficient: < 0.1×accuracy degree/°C
- Working temperature: 18°C ~ 28°C
- Storage temperature: -10°C ~ 50°C

Technical Index

When measuring current, place the conductor to be measured in the center of the clamp head. If not, it can increase $\pm 1.5\%$ position deviation to the maximum.



AC Current TRMS

Range	Resolution	Accuracy
60A	0.01A	$\pm (2.5\% \text{ reading} + 8 \text{ digits})$
600A	0.1A	
1000A	1A	

- Minimum input value of AC current: 0.5A (RMS)
- Maximum input value of AC current: 1000A (RMS)
- Frequency range: 45Hz ~ 65Hz

DC Current

Range	Resolution	Accuracy
60A	0.01A	$\pm (3.0\% \text{ reading} + 10 \text{ digits})$
600A	0.1A	
1000A	1A	

- Minimum input value of DC current: 0.5A
- Maximum input value of DC current: 1000A

AC Voltage TRMS

Range	Resolution	Accuracy
6V	0.001V	$\pm (0.8\% \text{ reading} + 5 \text{ digits})$
60V	0.01V	
600V	0.1V	

- Minimum input value of AC voltage: 1.0V (RMS)
- Maximum input value of AC voltage: 600V (RMS)
- Frequency range: 45Hz ~ 65Hz

DC Voltage

Range	Resolution	Accuracy
6V	0.001V	$\pm (0.5\% \text{ reading} + 5 \text{ digits})$
60V	0.01V	
600V	0.1V	

- Minimum input value of DC voltage: 0.5V
- Maximum input value of DC voltage: 600V

Frequency

Clamp head frequency measurement (Via gear A) :

Range	Resolution	Accuracy
60Hz	0.1Hz	$\pm (1.0\% \text{ reading} + 5 \text{ digits})$
1000Hz	1Hz	

- Frequency input rang: 40Hz ~ 1000Hz
- Input signal range: $\geq 2\text{A}$ AC current (RMS)

Pass V position:

Range	Resolution	Accuracy
60Hz	0.1Hz	$\pm (1.0\% \text{ reading} + 5 \text{ digits})$
1000Hz	1Hz	


- Frequency input range: 40Hz ~ 1000Hz
- Input signal range: $\geq 1.0\text{V}$ AC voltage (RMS)

Resistance

Range	Resolution	Accuracy
6k Ω	0.001k Ω	$\pm (0.8\% \text{ reading} + 3 \text{ digits})$
60k Ω	0.01k Ω	
600k Ω	0.1k Ω	
6M Ω	0.001M Ω	
10M Ω	0.01M Ω	

- Overload protection: 600V DC or AC (RMS)

Continuity

Range	Resolution	Functions
	$\Omega 1$	If the resistance of circuit being measured is less than 50 Ω , then the beeper in the meter may sound

- Overload protection: 600V DC or AC (RMS)

FUNCTIONS

- Automatic Measurement Recognition
- TRMS measurements
- Fully Auto Ranging
- Dual Display view:
Current and Voltage simultaneously
Current and Resistance/Continuity simultaneously
Current and Frequency simultaneously
Voltage and Frequency simultaneously
- Protection across the entire voltage range
- CAT IV 600V, CAT III 1000V
- 6000 Counts LCD Display
- Auto Power Off
- Back Light
- Data Hold
- Low Pass Filter
- LED Flashlight
- NCV (Non-contact Voltage Detector with LED and Buzzer Alarms)
- Made in Europe



METRAVI®

Setting Trends. Showing the Way.

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