



DIGITAL T-RMS AC/DC CLAMP METER PRO SOLAR-5

INTRODUCTION

The Metravi Pro Solar-5 T-RMS AC/DC Clamp Meter features compact dimensions and the highest safety category CAT IV 1000V. It helps you perform accurately for the most reliable work, every single day.

With a large 35mm, tear drop shaped jaw-opening, a strong flashlight and a backlit 4-digit display, this **Made In Germany** device is a robust and reliable, featuring varied measurement and testing functions.

It can measure up to 1500V DC and 1000V AC, which makes it ideal for use in industries where high-voltage DC systems are prevalent.

This tool is essential for safely measuring high-voltage current and voltage without direct contact, making it ideal for the following industries:

- Renewables Industry : Solar / Photovoltaic (PV)
- Electric Vehicles (EV) Industry
- Battery Storage Systems
- Telecommunications & Data Centers
- Railways & Transportation Industry

GENERAL SPECIFICATIONS

Display	: 3 ³ / ₄ digit, 4000 Counts LCD
Polarity display	: Automatic
Battery status display	: Empty battery symbol appears (<2.5V)
Measurement category	: CAT IV 1000V
Pollution degree	: 2
Power supply	: Batteries, 2 x 1.5V, AAA
Dimensions	: Approx. 255 x 81 x 43 mm
Weight	: Approx. 300 g (without batteries)
Zero Function	: Yes
Operating Temperature	: 0 to 50°C (0-80% rel. humidity)
Storage Temperature	: -10 to 60°C (0-80%RH) (without batteries)
Height above sea level	: Up to 2000 m
Overload Protection	: Yes
Flashlight	: Bright white LED built-in
NCV	: Yes (Non-contact Voltage Detection)
LPF	: Yes (Low Pass Filter), 3dB freq. 1kHz
Auto Power Off	: Yes
Data Hold	: Yes
Accessories	: Carrying Case, Batteries, Test Leads, User Manual



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

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TECHNICAL SPECIFICATIONS

DC Current (Jaws)

Range	Accuracy
40A	$\pm(2\% \text{ of meas. val.} + 5 \text{ digits})$
350A	
1000A	

DC Current (Jacks)

Range	Accuracy
400uA	$\pm(1.5\% \text{ of meas. val.} + 5 \text{ digits})$

AC Current (Jaws)

Range	Accuracy
40A	$\pm(2\% \text{ of meas. val.} + 5 \text{ digits})$
350A	
1000A	

AC Current (Jacks)

Range	Accuracy
400uA	$\pm(1.82\% \text{ of meas. val.} + 5 \text{ digits})$

DC Voltage

Range	Accuracy
400 m	$\pm(1.5\% \text{ of meas. val.} + 5 \text{ dgts})$
4 V	
40 V	$\pm(1\% \text{ of meas. val.} + 3 \text{ digits})$
400 V	
1500V	$\pm(1\% \text{ of meas. val.} + 3 \text{ digits})$

AC Voltage

Range	Accuracy
400 m	$\pm(1.5\% \text{ of meas. val.} + 5 \text{ dgts})$
4 V	
40 V	$\pm(1\% \text{ of meas. val.} + 5 \text{ digits})$
400 V	
1000V	

Feature	Range
Continuity Buzzer Switching Point	<10-15 Ω
Diode Test	0-1 V

Resistance

Range	Accuracy
400 Ω	$\pm(1.5\% \text{ of meas. val.} + 3 \text{ dgts})$
4 k Ω	
40 k Ω	
400 k Ω	
4 M Ω	
40 M Ω	

Capacitance

Range	Accuracy
51.2nF	$\pm 10\%$ typically
512.0nF	$\pm(1.5\% \text{ of meas. val.} + 5 \text{ dgts})$
5.120uF	
51.2uF	
100uF	

Frequency

Range	Accuracy
5.000 Hz	$\pm 0.1\% + 1D$
50.00 Hz	
500.0 Hz	
5.000 kHz	
50.00 kHz	
500.00 kHz	
5.000 MHz	



Large teardrop
shaped clamp to
accommodate
busbars