DIGITAL T-RMS AC/DC CLAMP METER
PRO SOLAR-4

INTRODUCTION

The **Metravi Pro Solar-4 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 35mm 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 and Data Centers
- Railways & Transportation Industry

GENERAL SPECIFICATIONS

Display	: $3^{3/4}$ digits backlit LCD
Total display	: 4000 counts
Polarity display	: Automatic
Battery status display	: Empty battery symbol appears (<2.5V)
Measurement category	: CAT IV/1000 V
Pollution degree	: 2
Power supply	: Batteries, 2 x 1.5V,AAA
Dimension	: Approx. 220 x 80 x 42 mm
Weight	: Approx. 268g (without batteries)
Ambient Conditions	
Operating Temperature	: 0 to 50°C (0-80% RH)
Storage Temperature	: -10 to 60°C (0-80% RH) (without batteries)
Height above sea level	: Upto 2000 m
Overload Protection	: CAT IV 1000V
High Impedance TRMS	: Yes
NCV	: Non-contact voltage detection
LPF	: Low pass filter - 1kHz/3dB frequency
Flashlight	: Yes
Accessories	: Test Leads, Battery, User Manual, Carrying Case

METRAVI PRO®

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TECHNICAL SPECIFICATIONS

DC Current (Jaws)

Range	Accuracy
40 A	±(2% of meas. val. + 5 digits)
400 A	

DC Current (Jacks)

Range	Accuracy
400 uA	±(1.5% of meas. val. + 5 digits)

AC Current (Jaws)

Range	Accuracy
40 A	±(2% of meas. val. + 5 digits)
400 A	

AC Current (Jacks)

Range	Accuracy
400 uA	±(1.8% of meas. val. + 5 digits)

DC Voltage

Range	Accuracy
400 mV	±(1.5% of meas. val. + 5 dgts)
4 V	±(1% of meas. val. + 3 digits)
40 V	
400 V	
1500V	±(1% of meas. val. + 3 digits

AC Voltage

Range	Accuracy
400 mV	±(1.5% of meas. val. + 5 dgts)
4 V	±(1% of meas. val. + 5 digits)
40 V	
400 V	
1000V	

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

Resistance

Range	Accuracy
400 Ω	±(1.5% of meas. val. + 3 dgts)
4 kΩ	
40 kΩ	
400 kΩ	
4 MΩ	
40 MΩ	

Capacitance

Range	Accuracy
51.2nF	±10% typically
512.0nF	±(1.5% of measurement val. + 5 digits)
5.120uF	±10% typically
51.2uF	
100uF	

Frequency

Range	Accuracy
5.000 Hz	± 0.1% + 1D
50.00 Hz	
500.0 Hz	
5.000 kHz	
50.00 kHz	
500.00 kHz	
5.000 MHz	

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