



**CAMBRIDGE INSTRUMENTS
& ENGINEERING CO.**

Instruments for Accuracy & Reliability



**SAFE.
ACCURATE.
RELIABLE.**

DIGITAL CLAMP MULTIMETER

MODEL: DCM 5410 TR

1000A AC/DC

- 3 5/6 Digits (6000 Counts)
High Resolution Display
- True RMS, Auto Ranging
Accurate & Reliable Measurements
- 60/600/1000A AC/DC
Wide Current Measurement Range
- Data Hold, B/L & Torch
Capture & View Readings
- Continuity & Diode Test
Fast & Reliable
- A.P.O., NCV & Live Wire Test
Smart Safety Features
- Low Imp. ACV Meas. (TRMS)
Accurate Low Impedance
AC Voltage Measurement

**TRUE RMS
1000A
AC/DC CURRENT**

**40mm
JAW OPENING**



**TRUE RMS
AC/DC Measurement**



**CAT III 1000V
Safety Rating**



**BRIGHT TORCH
& BACKLIGHT**



**NCV & LIVE WIRE
TEST**



AUTO POWER OFF



**MIN / MAX &
DATA HOLD**



**40mm
JAW OPENING**



**COMPACT &
DURABLE DESIGN**

SPECIFICATIONS

FUNCTION	RANGE	BASIC ACCURACY
DC Voltage	600mV, 6V, 60V, 600V, 1000V	±(0.5% reading + 7 digits)
AC Voltage (True RMS)	6V, 60V, 600V, 750V	±(1% rdg. + 10 digits)
DC Current	60 A / 600 A / 1000 A	±(4% rdg. + 10 digits)
AC Current (True RMS)	60 A / 600 A / 1000 A	±(4% rdg. + 10 digits)
Capacitance	1nF / 10nF / 100nF / 1µF / 10µF / 100µF / 1mF / 10mF	±(5.0% + 10 digits)
Frequency	10Hz – 10MHz	0.3% + 3 digits
Temperature	-20°C to 1000°C -4°F to 1832°F	-
Low Impedance ACV Measurement (TRMS)	6V, 60V, 300V	±(1% rdg. + 10 digits) Input impedance: ≤ 3KΩ.
Resistance	600Ω, 6KΩ, 60KΩ, 600KΩ, 6MΩ, 20MΩ, 60MΩ	±(1% rdg. + 5 digits)
Duty Cycle	0.1% – 99.9%	±(1.2% + 5 digits)
Other Facilities / Features	NCV & Live Wire Test, Diode Test, Continuity Test, Duty Cycle, Back Light, Torch, Auto Power Off, Low Batt. Indication, Data Hold & Min./Max.	
Accessories Supplied	Test Leads, Carrying Pouch, User Manual & Battery-2xAAA 1.5V Installed / Kept aside).	
Dimension & Weight	230 x 75 x 40mm & Approx. 315gms. (Incl. Batt.)	

APPLICATIONS

- Electrical Maintenance
- Industrial Panels
- Motors & Drives
- HVAC Systems
- Power Distribution
- Switchgear Inspection
- Utilities & Contractors
- Solar Installations
- Manufacturing Plants
- Facility Management Teams



AC / DC VOLTAGE
Up to 1000V DC
& 750V AC (TRMS)



AC / DC CURRENT
Up to 1000A AC/DC
(True RMS)



RESISTANCE
Up to 60MΩ



**DIODE &
CONTINUITY**
Buzzer Indication



NCV & LIVE WIRE TEST
Safe & Reliable



CAMBRIDGE INSTRUMENTS & ENGINEERING CO.

Works: 23/2, Maulana Abul Kalam Azad Road, Howrah - 71101

Office: 55 Ezra Street, 4th Floor, Kolkata - 700001

Phone Numbers: 9830092117 / 9830091260

Email Address: ciehowrah@gmail.com / cieinstruments@gmail.com

'CIE' in a continuing effort to offer excellent products at a fair value, reserves the right to change models, specifications and designs without notice.