

Fluke 393 FC CAT III 1500 V TRMS Clamp Meter

World's only CAT III 1500 V TRMS Clamp Meter

The 393 FC CAT III 1500 V True-rms Clamp Meter with iFlex is designed for technicians who work in high voltage dc environment: solar panels, wind power, electric railways, data centers battery banks for uninterruptible power supplies.



Where Fluke wins—capabilities unique to the Fluke 393 FC

- Enhanced safety with CAT III 1500 V Rating
- Ruggedness and reliability
- Increased productivity
- Record, analyze, report and share with Fluke Connect™

Enhanced safety with CAT III 1500 V rating



- Safe and accurate voltage measurement **up to 1500 V DC** in solar, wind, battery applications
- Unparalleled safety with **world's only CAT III 1500 V/CAT IV 600 V** clamp meter. Comes with **1500 V CAT III insulated test leads**
- 393FC meets **standard for photovoltaic panels (IEC 61730-1)** and extends safe measurement range up to 1500 V DC

Ruggedness and reliability



- **IP 54:** Sturdy clamp with ingress protection to support usage in outdoor environmental conditions
- **Thinner jaw:** 25% thinner jaw than Fluke 37X Clamp meters makes it easier and faster to take measurements in tight and overcrowded spaces. This new, improved design is durable, rugged and reliable and meets the stringent CAT III creepage and clearance requirements

Increased productivity



- **DC power:** DC Power Measurement capability allows technicians to have a tool that does it all: V, A and Power (kVA).
- **Audio polarity:** Ensure PV panels are properly installed with the help of an audio beep to indicate incorrect polarity.
- **Dual line display** for simultaneous measurements
- **Visual continuity** makes continuity testing easier in low-light situations

Record, analyze, report and share with Fluke Connect™



- Log up to 65,000 data points on the device and download with Fluke Connect
- **Fluke Connect:** Saves time by measuring, logging and transmitting measurements more efficiently and seamlessly for documentation on a cloud-based platform for 85+ Fluke tools

Product Comparison



Feature	Fluke 393 FC	Hioki4375/76	Megger DCM1500S	Seaward Solar Power Clamp	HTItaliaHT9025	CA MX675	Flir CM65
Voltage AC/DC	1000/1500 V	1000/1500 V	1500/2000 V	1000/1000 V	1000/1500 V	1000/1400 V	1000/1000 V
Current AC/DC	2500/1000 A	1000/1000 A	1500/1500 A	600/600 A	1000/1000 A	1000/1400 A	600/600 A
CAT rating	CAT III 1500 V CAT IV 600 V	CAT IV 600 V CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT III 1000 V
IP rating	IP 54	IP 54	–	IP 40	IP 40	–	IP 40
Power factor				•			
DC power	•	•		•			
Polarity audio	•						
Jaw thickness	12 mm	11 mm	Regular jaw	Regular jaw	Regular jaw	Regular jaw	Regular jaw
Inrush	•	•	•	•	•		•
Temperature	•	•	•		•	•	•
Frequency	1000 V	1000 V	No	No	No	No	No
Resistance/ continuity	•	•	•	•	•	•	•
Diode check/ capacitance	Capacitance only	•	•	•	•		Diode check only
LPF	•	•		•			•
Logging	65,000 data points	•	1000 data points		•		•
Reporting SW/app	•	•	•		•		•
Other highlights	CAT III 1500 V, Thin jaw	Closest competitor	Comes with MC4 connectors	Power features included	LCD screen	Comes with MC4 connectors	Comes with MC4 connectors