



MT790 Clamp Meter *TRUERMS*

The MT790 is a Single and 3-Phase 1000 Amp True RMS AC Power Clamp Meter. This Power Clamp meter operates as a True RMS Clamp Meter, Power Meter, Multimeter and AC Voltage Detector. Measuring ranges include AC Current, Voltage, Frequency and Power including True Power, Apparent Power, Reactive Power and Active Power. Measures 1-Phase and balanced 3-Phase True Power (kW), Apparent Power (kVA), Reactive Power (kVAR) and Active Power (kWh), plus Power Factor and Phase Angle. Manually stores and recalls of up to 99 data logs. USB interface for connection to a PC for data logging function with included software.

Features

- True RMS Clamp Meter, Power Meter and DMM
- Ø55mm Cable clamp size
- Measures AC current up to 1000 Amps
- Measures AC voltage to 750V
- USB interface for PC connection for Data Log Function
- Analysis for single phase and balanced three phase system
- Manual data memory
- KW/KVA/KVAC/Pf
- MIN/MAX and Data Hold
- Auto Power Off
- Complete with Colour Coded Test Leads
- Manually Store/Recall up to 99 Data Logs
- Large Dual LCD Display with 9999 Count and Bargraph

Function	Range	Accuracy
Jaw size	55mm	
AC Current	40A - 1000A	$\pm(2.0\% +5)$
AC Voltage	100 - 750V	$\pm(1.2\% +5)$
Frequency	50Hz - 200Hz	$\pm(0.5\% +5)$
Temperature	-50 to 1300°C	$\pm(5.0^{\circ}\text{C} +3)$
Active Energy	1-9999kWh	$\pm(3.0\% +2)$
Active Power	0,01kW - 750,0kW	$\pm(3.0\% +5)$
AC Bandwidth	50Hz to 60Hz	
Apparent Power	0.01KVA-750.0KVA	$\pm(3.0\% +5)$
Reactive Power	0.01KVA-750.0KVA	
Power Factor	0,3-1	$\pm(2\% +20)$
Size	335 x 70 x 21mm	
Weight	631g	



Red Light indicates detection of Non Contact Voltage (NCV)



6000 Count Backlit LCD Display



Top entry for three phase test leads



55mm Jaw Size with wire hook



Easy to read functions and data hold

MT790 | 1000A AC Power Clamp Meter

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