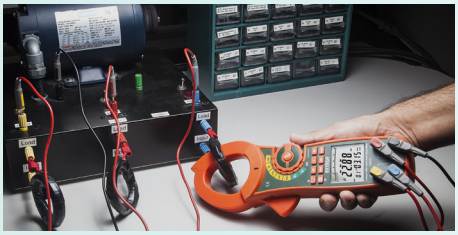
EXTECH INSTRUMENTS

PRODUCT DATASHEET

PQ2071 1ϕ/3ϕ 1000A TRMS AC Power Clamp Meter



Connects to all three voltage phases simultaneously without having to move test leads from phase to phase.

Extech's multifunctional PQ2071 Power Clamp meter operates as a True RMS Clamp Meter, Power Meter, Multimeter, and AC Voltage Detector. Featuring a CAT IV-600V safety rating, the PQ2071 measures AC Current, Voltage, Frequency and Power including True Power, Apparent Power, Reactive Power and Active Power.

Applications:
- AC Power Quality evaluation
- Motor/Generator installation and repair
- Energy Audits



Features

- 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
- 2.16" (55mm) clamp jaw opening
- Large dual backlit LCD display (9999 count) with bargraph
- Built-in non-contact Voltage Detector with LED alert
- Frequency measurement to 200Hz
- Manually store/recall up to 99 data sets
- Data Hold, Max/Min, and Auto power off
- USB interface for connection to a PC for datalogging function with included software
- Complete with test leads, four color-coded leads and alligator clips, USB cable, PC software, 9V battery, and soft case

Specifications	Range	Max Resolution	Basic Accuracy (%rdg)
True Power (W)	750kW	10W	±3%
Apparent Power(kVA)	750kVA	10kVA	±3%
Reactive Power (kVAR)	750kVAR	10VAR	±4%
Active Power (kWh)	9999kWh	0.001	±3%
Power Factor	0.3 to 1	0.001	±0.02
Phase Angle (ϕ)	-180 to 180°	1°	±2°
AC Current: (Trms)	1000A	100mA	±2%
AC Voltage: (Trms)	750V	0.1V	±1.2%
Frequency	50Hz to 200Hz	1Hz	
Dimensions / Weight	11.5 x 3.75 x 1.5" (292 x 95 x 38mm) / 18.4oz (522g)		

Ordering

PQ2071..... 1-Phase/3-Phase 1000A True RMS AC Power Clamp Meter
480172..... AC Line Splitter (standard North American 3-prong plug)
PQ1000..... CAT IV Test Lead Kit



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