

Yokogawa Clamp-on Power Monitors/Analyzers



CW121 Clamp-on Power Monitor

For maintenance and long term monitoring of electrical equipment and systems.

- Supports 1Ø 2W to 3Ø 4W systems
- Internal flash card memory
- RS-232 or RS-485 communications
- Sends data to internal memory, PC, optional floppy disk or printer
- Compact and light weight unit

SPECIFICATIONS

| | |
|-------------------------|---|
| Voltage: | 150, 300, 450 ACV |
| Current: | 20 - 3000 ACA |
| Measurement Parameters: | V, A, VAR, PF, Hz, Wh |
| Accuracy: | ±0.8% rdg ± 0.4% rng, depending on clamp probe |
| Record Time: | Settable from 1-30 sec., 1-30 min., 1 hr. |
| Flash Memory: | Compatible up to 128 MB flash card |
| External I/O: | One of three options for start / stop Wh |
| Data Accumulation: | 24 hours of data in one second intervals |
| Wiring Error Check: | Function ensures correct measurement operations |
| Communications: | RS-232 standard, RS-485 available |
| Display: | Large backlit LCD |
| Safety: | UL approved |
| Dimensions: | 4.6"W x 6.4"H x 2.0"D (117x161x51mm) |
| Power: | 100 - 240V AC, 50/60Hz (CAT II) |

ORDERING INFORMATION

YE/CW121-D-1/SP1 Clamp-on Power Monitor with complete accessory package

Includes all required hardware and software, except clamp-on current probes: Portable Clamp-on Power Meter, UL/CSA standard power cord, four voltage probes, RS-232 communications, 9 pin RS232 communication cable, 16 MB flash memory card and card holder, flash card reader and cable, power cable. (Supplies power from measured circuit), magnetic case for power meter, carrying case for power meter and accessories, data analysis software package.

Add suffix to part number for correct size Current Clamp-on Probes:

| | |
|--------|--|
| /C2 | Clamp-on Probes for 20/200A (3pcs / set) |
| /C4 | Clamp-on Probes for 500A (3pcs / set) |
| /C6 | Clamp-on Probes for 700A (3pcs / set) |
| /C8 | Clamp-on Probes for 50A (3pcs / set) |
| /96034 | Clamp-on Probe for 3000A Jaw type |
| /96035 | Clamp-on Probe for 3000A Flexible type |



CW240 Clamp-on Power Analyzer

Records electric energy measurements, instantaneous measurements, demand measurements, waveform measurements, voltage fluctuation measurements, harmonics measurements and leakage current.

- Supports 1Ø 2W to 3Ø 4W 4i (neutral line current) systems
- Supports two system measurements (1Ø 2W X2) (1Ø 3W X2) (3Ø 3W X2)
- Data logging interval up to 1 hour
- Internal flash card memory system
- RS-232 or RS-485 communications
- Sends data to internal memory, PC, optional floppy disk or printer

SPECIFICATIONS

| | |
|-------------------------|---|
| Voltage: | 150, 300, 600, 1000 ACV |
| Current: | 200.0 ACmA - 3000 ACA |
| Measurement Parameters: | V, A, VAR, PF, HZ, WATTS, VA, PA |
| Record Time: | 1 cycle- 0.5 sec., 1-30 sec., 1-60 min . |
| Flash Memory: | Compatible up to 512 MB flash card up to 50th |
| Harmonic Measurement: | Function ensures correct measurement operations |
| Wiring Error Check: | Function ensures correct measurement operations |
| Communications: | RS-232 standard, RS-485 available |
| Display: | Large backlit LCD |
| Safety: | UL approved |
| Operating temperature: | 5-40°C, 5-80% RH (no condensation) |
| Dimensions: | 8.11" W x 7.25" H x 2.56" D (206 x 184 x 65mm) |
| Power: | 100 - 240V AC, 50/60Hz (CAT II) |
| Location: | Indoor use |

ORDERING INFORMATION

YE/CW240-D/DA/PMI/SPI Clamp-on Power Analyzer with complete accessory package. Includes all required hardware and software, except clamp-on current probes (see below): UL/CSA standard power cord, four voltage probes, NiMH battery pack & six AA alkaline batteries, carrying case, 16 MB flash card and card reader, 9 pin RS-232 cable and Toolbox software package, users manual, quick manual, communications manual.

Add suffix to part number for correct size Current Clamp-on Probes:

| | |
|--------|---|
| /C2 | Clamp-on Probes for 20/200A (4 pcs / set) |
| /C4 | Clamp-on Probes for 500A (4 pcs / set) |
| /C6 | Clamp-on Probes for 700A (4 pcs / set) |
| /C8 | Clamp-on Probes for 50A (4 pcs / set) |
| /C10 | Clamp-on Probes for 2A (4 pcs / set) |
| /C12 | Clamp-on Probes for 3000A Jaw type (4 pcs / set) |
| /C14 | Clamp-on Probes for 3000A Flexible type (4 pcs / set) |
| /96036 | Clamp-on Probe for 2A measurement |

Optional AP240E Data analysis software package