

*In the field or in the lab:  
real-time monitoring of electrical installations*



## SINGLE-PHASE POWER AND QUALITY ANALYSER

- Intuitive to use
- Large graphic screen, easy to read
- Measures very weak and very strong currents
- Analysis of energy quality
- Analysis of phase shift
- Energy balance
- "Data logging" function
- Display of the waveform of a motor starting current
- Parallel access to all measurement modes
- Excellent value for money



## C.A 8230: SINGLE-PHASE POWER AND QUALITY ANALYSER

The **C.A 8230** single-phase power analyser is intended for tradesmen and installers working in collective buildings, for the private and public sectors, and for maintenance departments. Economical and very simple to use, it is especially well suited to the monitoring of electrical installations, in particular those including systems using power electronics.

The number of quantities investigated (VA, VAR, W, PF, etc.) also makes this instrument very attractive for technical and technological training use. And the large graphic screen (320 x 240 pixels) is perfect for demonstrations.



Special care has been taken to make mastering the **C.A 8230** easy; access to the various functions is direct. For even more simplicity, and safety, it recognizes the type of sensor connected automatically.

It is perfectly at home in the field, but its retractable stand allows desktop use as well. Dataviewer software multiplies its capabilities tenfold (configuration and transfer of data to a PC for processing).

### CHARACTERISTICS

C.A 8230	
V Max	600 V RMS
I Max (according to sensors)	5 mA to 6 A / 300 mA to 120 A = <b>MN 93A</b> 2 A to 240 A = <b>MN 93</b> - 3 A to 1200 A = <b>C 193</b> 10 A to 1400 A = <b>PAC 93</b> - 10 A to 6500 A = <b>Ampflex 193</b>
Power	1.2 VA to 3,9 MVA - W, VAR, PF / Cos / Tan
Precision	0.5%
Harmonics	THD V, A, VA, 50 orders, RMS and %. Expert mode on V and A
Values	Min, Max, Peak, KF, PST, FC
Functions	Surveillance of thresholds Phase rotation Viewing of motor starting
Memory	1.5 Mo
Pass band	40 - 70 Hz
Sampling frequency	12.8 kHz
Power supply	Mains. Rechargeable NiMH batteries (40 h between charges with backlighting off - or 8 h).



### TO ORDER

#### P01.1606.31

- 1 C.A 8230 (211 x 208 x 60 mm) instrument with: 1 carrying bag, 6 installed 1.2 V batteries, 1 red banana cord (straight-straight), 1 black banana cord (straight-straight), 2 4 mm probe tips (1 red and 1 black), 2 alligator clips (1 red and 1 black), 1 MN93A clamp, 1 line power adapter, 1 RS 232 optical cord, and Data Viewer processing software

### OTHER ACCESSORIES

• <b>CLAMP MN93A BK</b> .....	P01.1204.34
• <b>CLAMP MN93 BK</b> .....	P01.1204.25
• <b>AMPFLEX A193 450 mm BK</b> .....	P01.1205.26
• <b>AMPFLEX A193 800 mm BK</b> .....	P01.1205.31
• <b>CLAMP PAC93 BK</b> .....	P01.1200.79
• <b>CLAMP C193 BK</b> .....	P01.1203.23

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