S. P. Wales Ltd
Electrical Metering Specialists

Chauvin Arnoux PEL103 Power Analyser – Summary Sheet

The PEL103 is an energy logger produced by Chauvin Arnoux and is exceptional for monitoring and managing energy supplies.

- Suitable for single phase and three phase installations
- Quick and easy installation with no need to cut off the power supply
- Magnetised casing to fit straight on to panels
- Harmonic analysis up to the 50th order
- Bluetooth, Ethernet and USB Communication
- Automatic recognition of the sensors connected
- Recording on SD card
- Real-time communication with a PC and analysis with the PEL Transfer software

The PEL103 monitors a comprehensive range of electrical parameters. This includes basic parameters such as line voltages and currents, up to detailed information such as harmonic distortions, reactive energy and phase rotation. It can be used for many applications, including:

- Assessing availability for expansion from an incoming supply
- Time stamping voltage drops or surges
- Understanding how energy consumption and load changes throughout a period
- Understanding the efficiency of a circuit (identifying inductive and capacitive loads)
- Demonstrating a reduction in energy consumption from maintenance work or kit replacement

Stephen P Wales can rent the PEL103 on a weekly basis to answer specific questions, or you can purchase a complete unit if you have an ongoing use. Whatever your requirement it is recommended that you contact our friendly sales team prior to purchase to ensure that the unit will do what you require and that you get the correct components for your application.

Current Sensors

The PEL103 is supplied with 3 x Flexible Current Sensors with a measurement range of 200mA - 10,000A and are 250mm in length. We have 3 alternative sensors available if required:

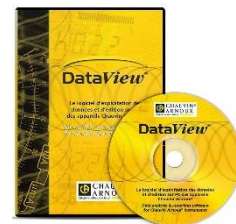| Purchase Product Code	Rental Product Code	Sensor Length	Measurement Range
3MAPMA350	SVPA350	350mm	200mA - 10,000A
3MAPA450	SVPA450	450mm	200mA - 10,000A
3MAPA800	SVPA800	800mm	200mA - 10,000A

Optional Accessories

Self Power Unit		Magnetic Voltage Probes		DataView Software	
Purchase Product Code	MAPASP	Purchase Product Code	MAPAVS	Purchase Product Code	MAPADV
Rental Product Code	SVPASP	Rental Product Code	SVPAVS	Rental Product Code	n/a

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