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Eurotherm

Paper

Chart recorders



imagine making the
impossible possible

4000 Series and Circular Recorders

4102 Configurable recorder



- Digital display
- User configurable
- Input adjust
- Remote chart control

Available as either a 4 pen continuous or 6 pen multi-point recorder the 4102 is ideal for simple, low cost applications. The standard digital display allows viewing of Process Variables and provides indication of alarm status.

4103 Programmable recorder



- Digital and bargraph display
- Data archiving
- Communications
- Powerful maths pack

The 4103 is a high specification chart recorder, with annotation and basic maths fitted as standard. Optional add on features such as a PCMCIA card slot and Modbus communications make this an ideal Data Acquisition unit.

392 Circular recorder

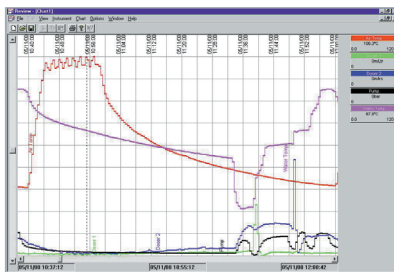


- Choice of up to 4 Pens
- Clear Circular Chart
- User Configurable
- Custom Linearisation

The 392 circular chart recorder is particularly useful if you need to review longer-term trends in a single glance. The choice of 12 hour, 24 hour or 7 day charts assist with this. Another option is the extremely useful maths pack further increasing the recorder's capabilities.

4000 Series Software Packages

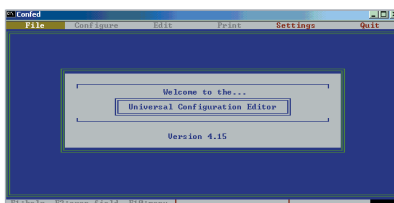
Review



- Off-line Package
- Secure Database
- Chart Display & Printing
- Remote File Transfer

Eurotherm Review software allows archived data to be viewed off-line via a PC. Packed data files from the recorders local media are transferred into the Review database. Charts can then be created for viewing and printing or exported as a CSV file to standard spreadsheet packages.

4000 Configuration editor

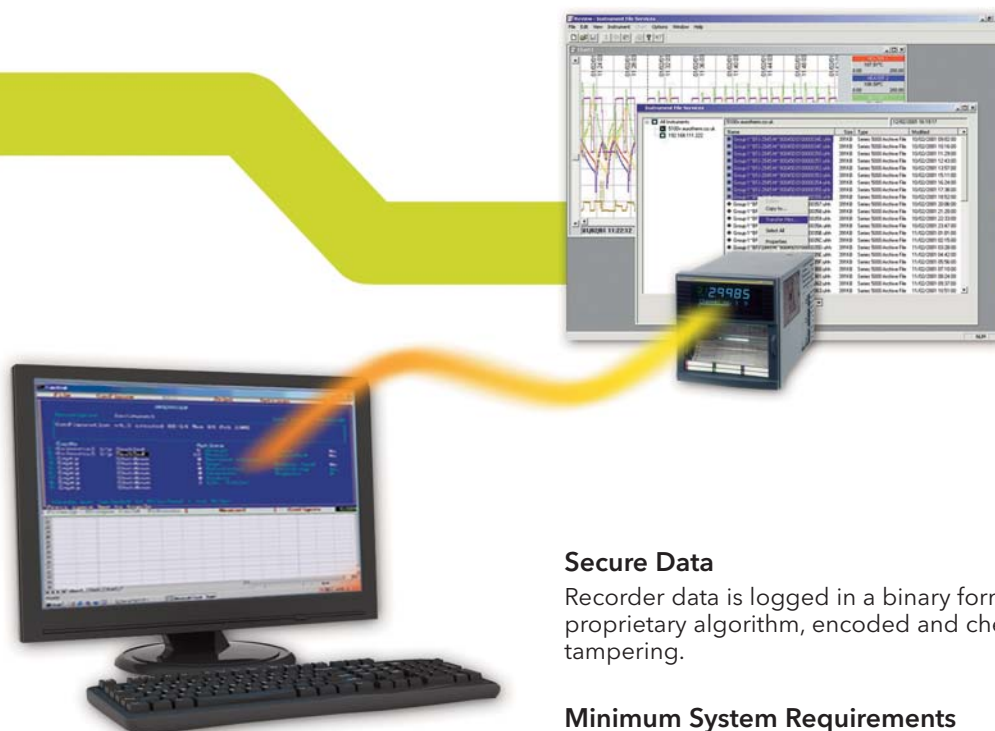


- Easy to Use
- Off-line Configuration
- Channel Copy Function
- Configuration Transfer

Allows configurations to be created, or modified off-line and transferred directly to a recorder via an integral connector or optional communications port. Alternatively configuration files can be saved to a PCMCIA data card.

Selection Guide

Paper	Strip Chart				Circular
					
Features	4102C	4102M	4103C	4103M	392
Inputs	4	6	4	6	4
Chart Width	100mm		100mm		10" circular
Protection	IP54		IP54		NEMA 4X
Relay Outputs	●		●		●
Annotation	●		●		none
Contact Inputs	none		●		●
Modbus (Serial)	none		Slave		none
Removable/Data Storage	none		●		none
Mathematics	none		●		●
Counters	none		●		none
Timers	none		●		●
Totalisers	none		●		●
Controllers	none		none		●
PC Configuration	●		●		none



Secure Data

Recorder data is logged in a binary format, compressed using a proprietary algorithm, encoded and check summed to inhibit data tampering.

Minimum System Requirements

1. The PC must be running Windows XP*, SP3, Windows Server 2003 or Windows 7 (32-bit editions).
2. For all operating systems, Internet Explorer 4.01 (or later) must be installed.
3. The PC must be set to at least 65536 colours
4. At least 1GB RAM is required.

- Off-line Software
- Modem Support
- Secure Data
- Data Export

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