

EUROTHERM® FLEXIBLE SOLUTIONS

6100E

PAPERLESS GRAPHIC RECORDER



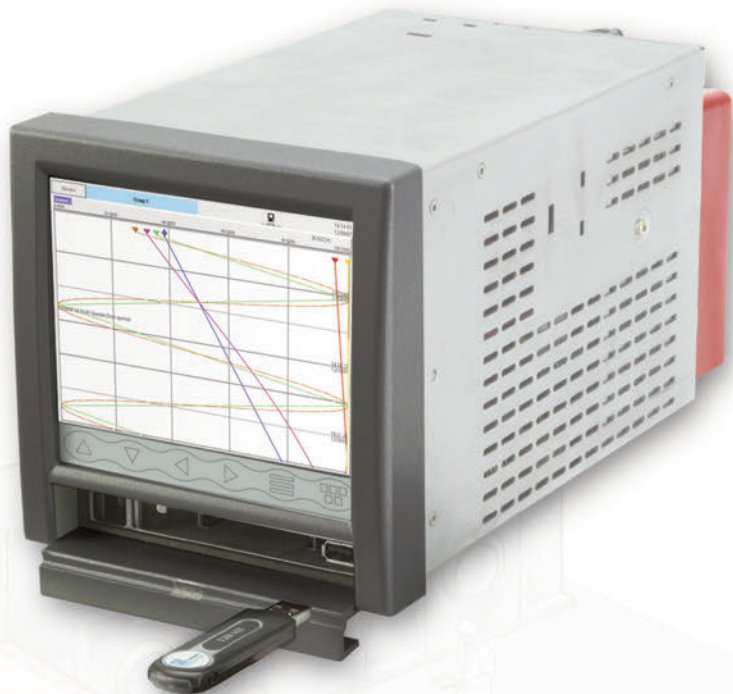
EASY • SECURE • ADAPTABLE

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Make recording your data easy

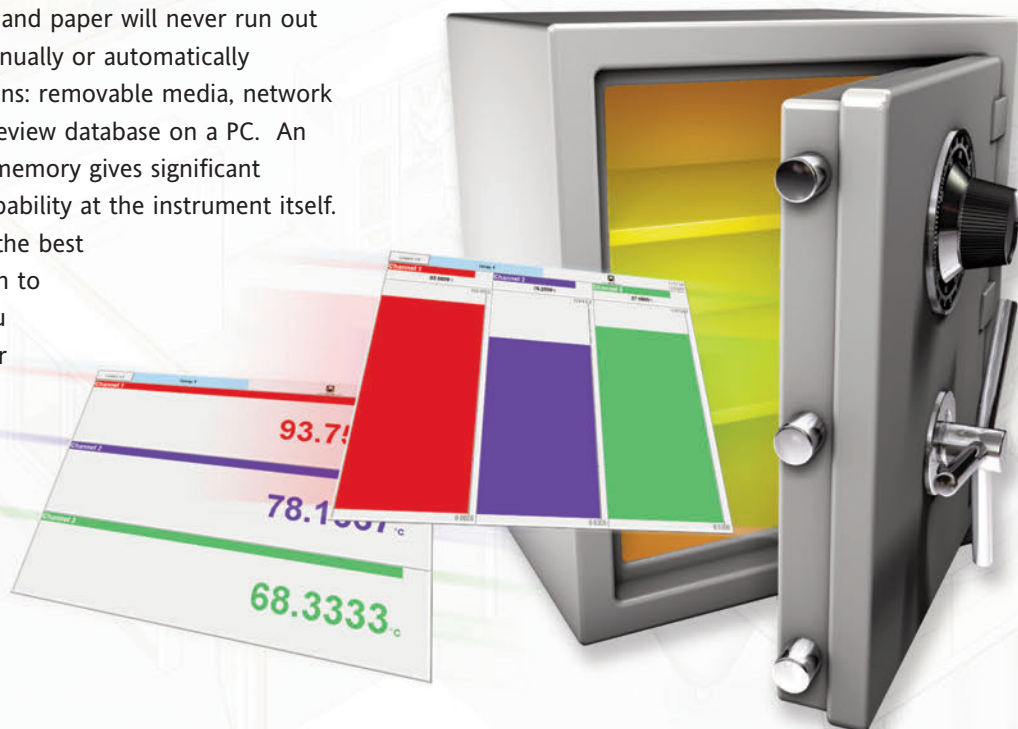
The 6100E brings you Eurotherm excellence in a basic package to ensure you can meet your simple data recording requirements. The unit is ideal for basic visualisation and recording requirements and makes an excellent replacement for small strip chart recorders – bringing you all of the cost benefits, security and flexibility of secure electronic data files.

The 6100E has a full colour display and utilises touch screen technology for clear and intuitive configuration and operation. It further supports a USB port as standard to enable the use of a mouse, keyboard or bar code scanner so that you can choose the interface method that is easiest for you.



Security to give you peace of mind...

With the 6100E your data is stored in check summed, binary compressed files to keep it secure. A graphic recorder ensures that pens and paper will never run out and data can be moved manually or automatically archived to multiple locations: removable media, network servers or the Eurotherm Review database on a PC. An internal, non-volatile 8Mb memory gives significant storage and data review capability at the instrument itself. This enables you to set up the best strategy for your application to keep your data safe – if you prefer, without the need for operator intervention.



A low cost recorder with adaptable features...

The 6100E not only brings you everything you need for your basic recording needs, it has features that adapt it to best fit your application requirements. The USB port can be used to support a removable memory stick for additional data storage local to the recorder or for additional operator interfaces to suit your data entry needs – barcode, keyboard or mouse.



6100E provides an Ethernet port and supports Modbus TCP (slave) and FTP protocols. The recorder can easily, therefore, be integrated into a larger system and data files can be transferred across the network so that your data is available where you want it, when you want it.

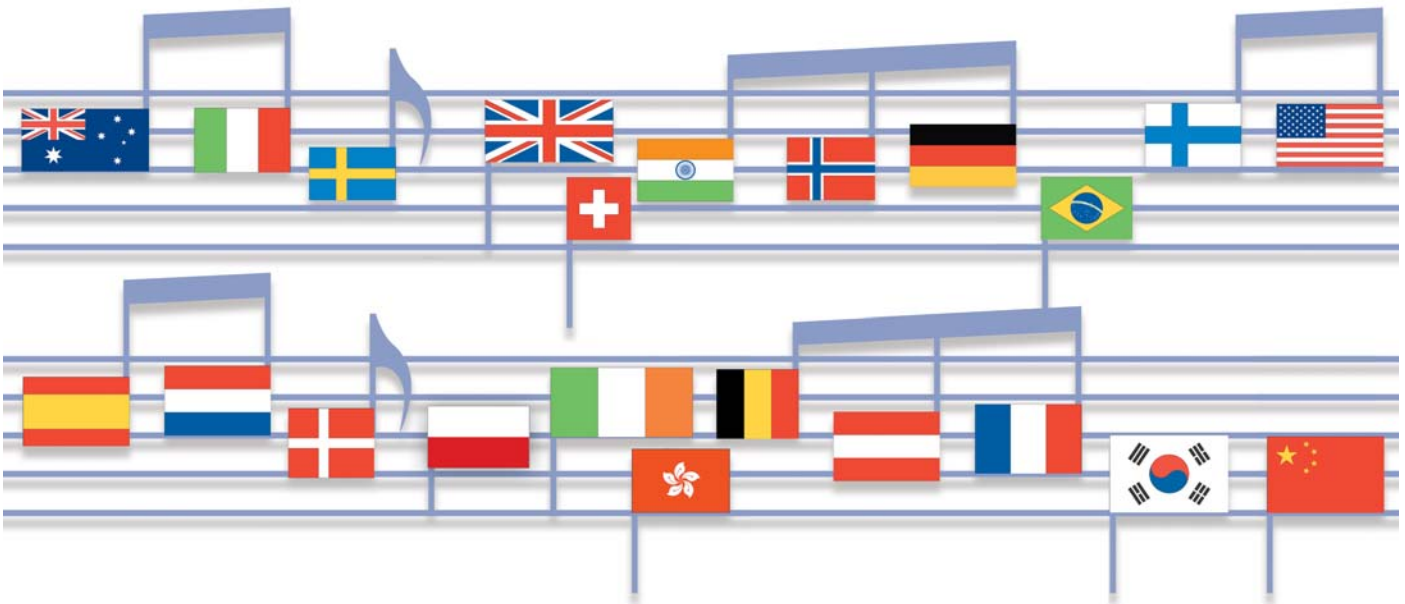
Support for relay outputs and configurable channels of Maths, Totalisers and Counters give you further flexibility to adapt the recorder to meet very specific application needs. Maths functions include add, subtract, multiply, divide, constant, group max, group average, channel min, channel max, channel average, rolling average and slaves comms.

Technical specifications

Display	5.5" 1/4 VGA 16-bit colour with touch screen
Memory for history	8 Mbyte
Recording formats	UHH and/or CSV
Recording destinations	Internal Flash, removable media and remote FTP– all at the same time: Triple Safe Data
Recording speed	Up to 1Hz all channels
Trend speed	Up to 1Hz
Removable media	USB memory stick or Compact Flash
Ethernet	10/100baseT, Auto-sensing
USB	1 port, standard
Protocols	Modbus TCP slave, FTP client and server and SNTCP, DNS, ICMP
Network addressing	DHCP, BootP, Fixed IP
Web server	Fixed as standard
Inputs	3 or 6
Relays	Up to 3 changeover relays
Maths, totalisers and counter	Up to 12
Timers	6
Communication input	Up to 18 (using maths and input channels)
Event Triggers (eg.alarm, media % full)	3
IP Rating	IP66
Approvals	CE, cUL (Emissions and Immunity BS EN61326, UL file number e57766)

Eurotherm: International sales and service

Understanding and providing local support is a key part of Eurotherm's business. Complementing worldwide Eurotherm offices are a whole range of partners and a comprehensive technical support team, to ensure you get a service you will want to go back to.



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