

EUROTHERM® FLEXIBLE SOLUTIONS

6100E

PAPERLESS GRAPHIC RECORDER



EASY • SECURE • ADAPTABLE

EASY • SECURE • ADAPTABLE

Make recording your data easy

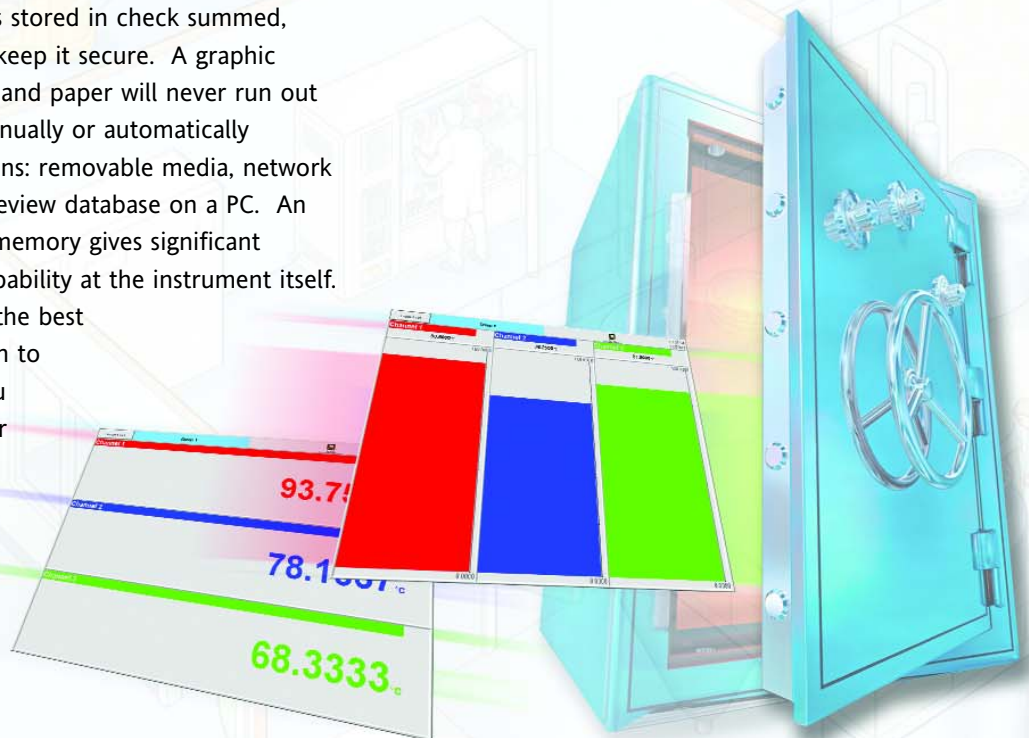
The 6100E brings you Eurotherm excellence in a basic package to ensure you can meet your simple data recording requirements. The unit is ideal for basic visualisation and recording requirements and makes an excellent replacement for small strip chart recorders – bringing you all of the cost benefits,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

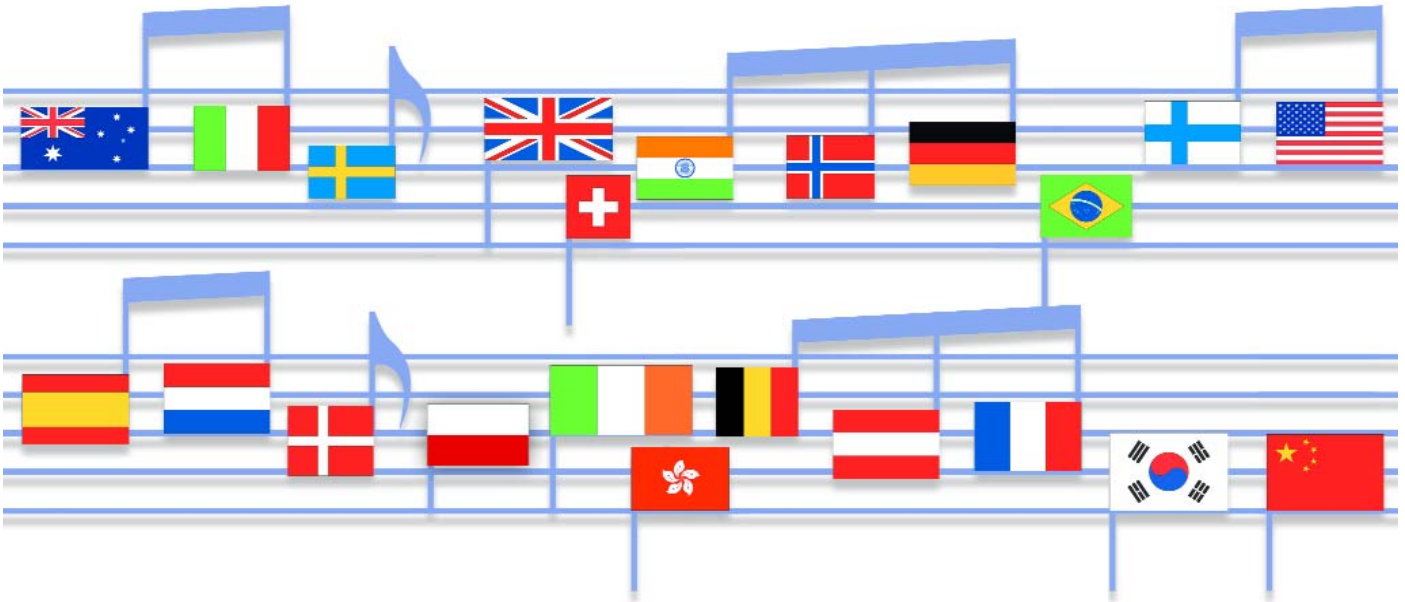
Support for relay outputs and configurable channels of Maths, Totalisers and Counters give you further flexibility to adapt the recorder to meet very specific application needs. Maths functions include add, subtract, multiply, divide, constant, group max, group average, channel min, channel max, channel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



AUSTRALIA Sydney
Eurotherm Pty. Ltd.
T (+61 2) 9838 0099
F (+61 2) 9838 9288
E info.au@eurotherm.com

AUSTRIA Vienna
Eurotherm GmbH
T (+43 1) 7987601
F (+43 1) 7987605
E info.at@eurotherm.com

BELGIUM & LUXEMBOURG Moha
Eurotherm S.A/N.V.
T (+32) 85 274080
F (+32) 85 274081
E info.be@eurotherm.com

BRAZIL Campinas-SP
Eurotherm Ltda.
T (+5519) 3707 5333
F (+5519) 3707 5345
E info.br@eurotherm.com

DENMARK Copenhagen
Eurotherm Danmark AS
T (+45 70) 234670
F (+45 70) 234660
E info.dk@eurotherm.com

FINLAND Abo
Eurotherm Finland
T (+358) 22506030
F (+358) 22503201
E info.fi@eurotherm.com

FRANCE Lyon
Eurotherm Automation SA
T (+33 478) 664500
F (+33 478) 352490
E info.fr@eurotherm.com

GERMANY Limburg
Eurotherm Deutschland GmbH
T (+49 6431) 2980
F (+49 6431) 298119
E info.de@eurotherm.com

HONG KONG & CHINA
Eurotherm Limited North Point
T (+85 2) 28733826
F (+85 2) 28700148
E info.hk@eurotherm.com

Guangzhou Office
T (+86 20) 8755 5099
F (+86 20) 8755 5831
E info.cn@eurotherm.com

Beijing Office
T (+86 10) 6567 8506
F (+86 10) 6567 8509
E info.cn@eurotherm.com

Shanghai Office
T (+86 21) 6145 1188
F (+86 21) 6145 1187
E info.cn@eurotherm.com

INDIA Chennai
Eurotherm India Limited
T (+91 44) 24961129
F (+91 44) 24961831
E info.in@eurotherm.com

IRELAND Dublin
Eurotherm Ireland Limited
T (+353 1) 4691800
F (+353 1) 4691300
E info.ie@eurotherm.com

ITALY Como
Eurotherm S.r.l.
T (+39 31) 975111
F (+39 31) 977512
E info.it@eurotherm.com

KOREA Seoul
Eurotherm Korea Limited
T (+82 31) 2738507
F (+82 31) 2738508
E info.kr@eurotherm.com

NETHERLANDS Alphen a/d Rijn
Eurotherm B.V.
T (+31 172) 411752
F (+31 172) 417260
E info.nl@eurotherm.com

NORWAY Oslo
Eurotherm A/S
T (+47 67) 592170
F (+47 67) 118301
E info.no@eurotherm.com

POLAND Katowice
Invensys Eurotherm Sp z o.o.
T (+48 32) 2185100
F (+48 32) 2177171
E info.pl@eurotherm.com

SPAIN Madrid
Eurotherm España SA
T (+34 91) 6616001
F (+34 91) 6619093
E info.es@eurotherm.com

SWEDEN Malmo
Eurotherm AB
T (+46 40) 384500
F (+46 40) 384545
E info.se@eurotherm.com

SWITZERLAND Wollerau
Eurotherm Produkte (Schweiz) AG
T (+41 44) 7871040
F (+41 44) 7871044
E info.ch@eurotherm.com

UNITED KINGDOM Worthing
Eurotherm Limited
T (+44 1903) 268500
F (+44 1903) 265982
E info.uk@eurotherm.com
www.eurotherm.co.uk

U.S.A. Leesburg VA
Eurotherm Inc.
T (+1 703) 443 0000
F (+1 703) 669 1300
E info.us@eurotherm.com
www.eurotherm.com

Eurotherm is also represented in the following countries:

Algeria	Malaysia
Azerbaijan	Mali
Bahrain	Mexico
Bangladesh	New Zealand
Benin	Niger
Bosnia and Herzegovina	Nigeria
Bulgaria	Oman
Burkina Faso	Pakistan
Cameroon	Philippines
Canada	Puerto Rico
Czech Republic	Qatar
Egypt	Romania
Georgia	Russia
Greece	Saudi Arabia
Guinea-Conakry	Serbia and Montenegro
Hungary	Singapore
Indonesia	Slovak Republic
Iran	Slovenia
Iraq	South Africa
Israel	Sri Lanka
Ivory Coast	Thailand
Japan	Togo
Jordan	Tunisia
Kazakhstan	Turkey
Kenya	Turkmenistan
Kuwait	UAE
Latvia	Ukraine
Lithuania	Uzbekistan

ED53

Represented by:

© Copyright Eurotherm Limited 2007

Invensys, Eurotherm, the Eurotherm logo, Chessell, EurothermSuite, Mini8, Eycon, Eyris and Wonderware are trademarks of Invensys plc, its subsidiaries and affiliates. All other brands may be trademarks of their respective owners.

All rights are strictly reserved. No part of this document may be reproduced, modified, or transmitted in any form by any means, nor may it be stored in a retrieval system other than for the purpose to act as an aid in operating the equipment to which the document relates, without the prior written permission of Eurotherm limited.

Eurotherm Limited pursues a policy of continuous development and product improvement. The specifications in this document may therefore be changed without notice. The information in this document is given in good faith, but is intended for guidance only.

Eurotherm Limited will accept no responsibility for any losses arising from errors in this document.

Part No. HA029641 Issue 1



Printed on recycled paper in England 09.07