THERMOCODE SERIES 2

**HIGH SPEED IN-LINE CONTINUOUS & INTERMITTENT
MOTION THERMAL TRANSFER OVERPRINTER RANGE**

FEATURES

▶ Ultra high speed operation

▶ 305 dpi (12 dots/mm) resolution

▶ Self levelling printhead

▶ All electronic operation

▶ Easy loading ribbon magazines

▶ Wide range of print areas

▶ Large capacity 3.5mb memory

▶ Enhanced modular construction

▶ Onboard diagnostics

▶ Minimal format generation time

▶ Printer status display

▶ Multi-level password protected access

▶ Multi-language facility

▶ High speed image updating

▶ Real time printing facility

▶ Quality engineered product

▶ Electronically adjustable print position

▶ Full networking capability

▶ User friendly

**Provides an ideal solution to virtually all on-line
Thermal Transfer printing applications. Compatible
with most continuous and intermittent motion
packaging and labelling machinery.**

OPEN DATE

World Class Coding & Marking Systems

*getting you
up to speed*

THERMOCODE SERIES 2

Thermocode Series 2 provides the ideal solution for in-line coding onto most flexible packaging materials. The range of printers can be operated locally from the user friendly control module, directly from a PC or via the Open Date Networking facility.

To offer maximum flexibility each printer is supplied as standard with a copy of our Windows based format design software package.

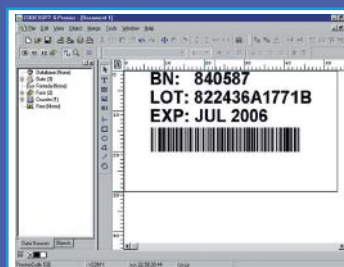## STANDARD PRINT FORMATS – FEATURES

- ▶ Batch codes
- ▶ Lot numbers
- ▶ Expiry dates
- ▶ Use by dates
- ▶ Price marking
- ▶ Real time coding
- ▶ Date offsets
- ▶ Bar codes
- ▶ Graphic images
- ▶ Logos
- ▶ Incremental numbering
- ▶ Shift codes
- ▶ Offset shift codes
- ▶ Mirror imaging
- ▶ Julian date codes (EU & US)
- ▶ Day codes
- ▶ Week numbers
- ▶ Customised automatic dates
- ▶ Automatic shift code update
- ▶ Individual rotation in 90 degree steps
- ▶ Dual image memory
- ▶ Lines and boxes
- ▶ Circles, polygons and oblique lines

EXAMPLES

The standard formats can be easily modified to suit your particular requirements. After modification of a format, the control module offers a "save as" facility in order that data can be accurately stored as required. (Refer to Thermocode Series 2 operating manual for full details of standard print formats).

... OR CREATE YOUR OWN

The Windows based WYSIWYG software design programme allows the user to create formats in house adding complete flexibility to the in-line coding system.
Product format generation including special fonts and/or graphics can be completed in a matter of minutes.

THERMOCODE SERIES 2

CONTROL MODULE
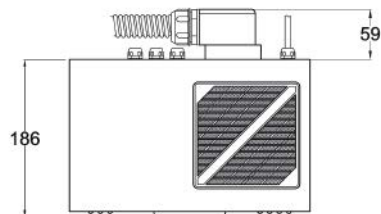
▶ Simple format selection from printer memory
▶ 4 line 20 character, back lit LCD display
▶ Format editing with 'save as' facility
▶ On board language selection
▶ Foreign character insertion facility
▶ Multi level access password protection (optional)
▶ On board diagnostics including:
   1. Low and end of ribbon alarm 2. Magazine 'out' warning
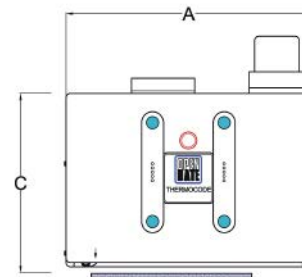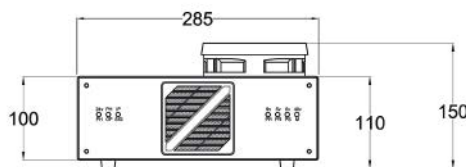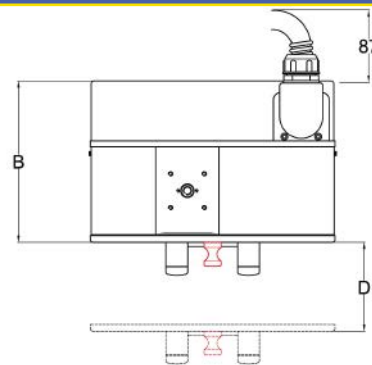   3. Printer status 4. Print count 5. Print head data analysis

TIP UP FRAME FACILITY

▶ Aids trouble free printhead cleaning
▶ Ensures simple web threading through printer frame
▶ Gives access to clean print base rubber
▶ Easy replacement of print base rubber

INSTALLATION DETAILS

POWER SUPPLY UNIT

	53S	53M	53L	107S	107M	107L	53C	107C
A - Printer Width	180mm	230mm	290mm	180mm	230mm	290mm	180mm	180mm
B - Printer Depth	190mm	190mm	190mm	250mm	250mm	250mm	190mm	250mm
C - Printer Height (installed)	231mm	231mm	231mm	231mm	231mm	231mm	239.5mm	239.5mm
D - Magazine Removal	120mm	120mm	120mm	170mm	170mm	170mm	120mm	170mm

THERMOCODE SERIES 2

COMMUNICATIONS

- ▶ **Direct from control module – standard**
- ▶ **RS232 (Serial Port) PC compatible**
- ▶ **TCP/IP (optional)**
- ▶ **USB (optional)**

FONT STYLES AND SIZES

Each printer is supplied with standard true type and bitmap fonts which will cover the majority of applications from start up. Alternatively, any Windows true type or bitmap font along with graphic images can be downloaded to meet specific customer requirements.

Text sizes are between 1mm and 40mm high.

BAR CODE STYLES (PRINTER GENERATED)

EAN8, EAN13, EAN128, UPC-A, UPC-E, CODE 39, CODE 128, ITF Codes, Extended Code 39, Codabar, MSI, Code 93, UCC-128, HIBC, UPC-E (6, System 0), UPC-E (6, System 1). Many other barcode styles are supported by our Windows design software package e.g. Datamatrix, 2/5 Industrial, Plessey etc.

CONSUMABLES

Open Date thermal transfer ribbon is available in a wide range of sizes, colours and grades to suit the entire range of Thermocode printers plus most other makes and models. Extended warranty terms apply when Open Date ribbon is used in conjunction with Thermocode printers.

SPECIFICATIONS

Printer Type	Intermittent						Continuous	
Printer Model	**53S**	**53M**	**53L**	**107S**	**107M**	**107L**	**53C**	**107C**
Print Width - Max.	53.3mm	53.3mm	53.3mm	106.6mm	106.6mm	106.6mm	53.3mm	106.6mm
Print Length (sweep)	53.3mm	106.6mm	160mm	53.3mm	106.6mm	160mm	500mm	250mm
Ribbon Width	55mm	55mm	55mm	110mm	110mm	110mm	55mm	110mm
Ribbon Length - Max.	350m	500m	500m	350m	500m	500m	500m	500m
Printer Weight	7kg	8kg	9kg	8kg	9kg	10kg	6.5kg	7.5kg
Cycles per minute - Max.	500 cycles per min.			450 cycles per min.			500 cycles per min.	
Print speed per second - Max.	400mm						600mm	
Printhead Resolution	305 dpi (12 dots per millimetre)							
Memory Capacity	3.5mb							
Supply Voltage	115/230 Volts AC							
Power Supply Weight	6kg							
Serial Baud Rate	230,400 (max)							

PPMA