

# E-CODER

ECONOMICALLY PRICED HOT FOIL CODER  
WITH DIGITAL DISPLAY CONTROL UNIT



The E-Coder is a high quality hot foil coding attachment particularly suited to overprinting batch and lot numbers, expiry dates, use by dates and prices onto flexible packaging materials including films, labels and cartons.

## FEATURES

- ▶ 40mm x 16mm Print Area
- ▶ Quality engineered product
- ▶ Digital electronic control unit with fault display
- ▶ Fully variable temperature & time control
- ▶ 183 metre foil capacity
- ▶ End of foil alarm
- ▶ User output signals
- ▶ Easy-load foil magazine
- ▶ Safety interlock for magazine
- ▶ Uses Type High or "T" slot type systems
- ▶ Compact in size
- ▶ Easy to install on packaging & labelling machines
- ▶ LED display for operating temperature & time



*World Class Coding & Marking Systems*



*getting you  
up to speed*

# E-CODER



A comprehensive range of features are included as standard with the E-Coder yet it is priced for the budget conscious user who does not want to compromise on quality.

The external digital control unit allows fine setting adjustments to be made in order to maximise print quality and an accurate foil adjustment system ensures that wastage is kept to an absolute minimum.

## CONTROL UNIT



The E-Coder's digital display controller enables simple yet precise control of print dwell times and operating temperatures to provide the optimum print quality. It features LED indicators for print on-line, end of foil, heater fail and thermistor fail.

## SPECIFICATIONS

| E-Coder  |   |
|--|---|
| Print area   | 40 x 16mm   |
| Operating speed – maximum                                | 300 per minute  |
| End of foil alarm  | Standard  |
| Foil capacity  | 183 metres (600ft)  |
| Foil width – maximum                                     | 41mm  |
| Foil feed adjustment                                     | Accurate and infinitely adjustable                                |
| Air cylinder   | 44mm dia x 13mm stroke  |
| Air pressure required                                    | 4.0 to 6.8 bar (60 to 100 PSI)                                    |
| Free air consumption per print                           | 254cc @ 6.8 bar (100 PSI)   |
| Print head dimensions (H x W x D)                        | 203 x 152 x 136mm   |
| Print head weight  | 4kg (8.5lbs)  |
| Control unit Indicator LEDs                              | Print on-line, end of foil, heater fail, thermistor fail, low air |
| Dwell Time Range<br>(1 millisecond increments)           | 10 to 2000 milliseconds   |
| Temperature Range (1° increments)<br>°C or °F selectable | 70 to 220°C (158 to 428°F)  |
| Operating Voltage (auto-sensed)                          | 110/240v AC, 50/60 Hz   |
| Control unit dimensions (H x W x D)                      | 66 x 145 x 240mm  |

## Hot Foil Coding - How It Works

Hot foil coding is a contact printing process using machine engraved or cast type characters, dies or rotary flickwheel numbering units which are heated and then stamped through a coloured ribbon (known as foil) onto the substrate to produce crisp, clean, dry and non-toxic prints. Hot foil coders are compact in size and are suitable for fitting onto packaging and labelling machines using specially designed mounting brackets.

## MOUNTING FRAME

The optional E-Coder mounting frame is the basis for many installations. It can be supplied in a standard form or ready adapted to suit specific host machinery.



## E-CODER OPTIONS

- ▶ Standard mounting frames
- ▶ Custom mounting frames
- ▶ Printing foil
- ▶ Custom type holders
- ▶ Steel and brass type
- ▶ Rotary numbering units
- ▶ Printing dies
- ▶ Spare foil magazines

**PPMA**

**OPEN  
DATE**

**Open Date Equipment Ltd**  
Units 8 & 9 Puma Trade Park  
145 Morden Road  
Mitcham, Surrey, CR4 4DG.  
**UNITED KINGDOM**  
Tel: +44 (0)20 8655 4999  
Fax: +44 (0)20 8655 4990  
Email: sales@opendate.co.uk  
Web site: www.opendate.co.uk

**Open Date Systems Inc**  
Springfield Road, PO Box 538  
Georges Mills, NH 03751  
**U.S.A.**  
Tel: +(1) 603 763 3444  
Fax: +(1) 603 763 4222  
Toll free: 877-OPENDATE  
Email: info@opendate.com  
Web site: www.opendate.com

**Open Date France**  
Z.I. D'Attichy  
60350 Attichy  
**France**  
Tel: +33 (0) 344 42 94 43  
Fax: +33 (0) 344 42 17 17  
Email: info@opendatefrance.com  
Web site: www.opendatefrance.com

**Open Date GmbH**  
Mittlere Stämmig 4  
97297 Üttingen  
**Germany**  
Tel: +49 (0) 9369 98 24 0  
Fax: +49 (0) 9369 98 24 24  
Email: info@opendate.de  
Web Site: www.opendate.de