

# 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



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*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 (1 millisecond increments)	10 to 2000 milliseconds
Temperature Range (1° increments) °C or °F selectable	70 to 220°C (158 to 428°F)
Operating Voltage	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

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