

DIRECT THERMAL/
THERMAL TRANSFER
PRINTER

EasyCoder™ 3240

Benefits:

- **Superior Print Quality**
The 3240 with 400 dpi resolution prints graphics, small fonts and symbologies is substantially improved over rival 300 dpi printers.
- **Saves Time and Money**
With the 3240, extremely small labels can now be printed on-demand thus saving your organization time and money for more expensive preprinted labels.
- **Unparalleled Precision Printing**
Intermec's patent-pending PrecisionPrint™ technology offers extremely accurate image registration for even the smallest of labels.
- **Improved Bar Code Scanning**
The 3240 prints small 2.5 and 5 mil bar codes with such remarkable sharpness that bar codes read faster and more accurately.



Printing small labels for electronic components, printed circuit boards, test tubes and vials can be challenging for rival label printers. With the 3240, however, it's a snap due in part to two important technologies: 400 dpi print resolution and Intermec's patent-pending PrecisionPrint technology for perfect label-to-label image registration.

Intermec's exclusive PrecisionPrint technology ensures continuous image registration on the label within a tolerance of ± 0.025 ". Even on the smallest labels measuring only 0.1" in length where problems with image registration show up immediately, the 3240 excels.

In addition to printing on small or oddly shaped labels, the 3240 is perfect for printing on a variety of difficult to print on substrates, such as Kapton or ultra-smooth polyesters and synthetics. That's why so many organizations in electronics, pharmaceuticals, telecommunications and health care have turned to Intermec for printers.

Beyond the power and precision, the 3240 is the printer of choice when the application calls for extremely small label printing of complex images on unique label materials.

EasyCoder™ 3240

General

Industrial Quality Direct Thermal/Thermal Transfer Printer optimized for small labels and tags. Prints very high density bar codes in straight through, auto-peel, and batch rewind modes.

Model

3240 High Resolution Bar Code Printer

Physical Characteristics

Length: 43.8 cm (17.25")

Height: 27.7 cm (10.9")

Width: 21.1 cm (8.3")

Weight: 14.5 kg (32 lbs.)

Print Registration

PrecisionPrint™ technology yields consistent image placement over an entire 6,000 inch roll of media

Image accuracy is within .025 of an inch in batch or print and retract modes

Print Specifications

Element: 0.062 mm (0.00246")

Maximum Length: Unlimited

Maximum Width: 64 mm (2.5")

"X" Dimension: 0.06 to 1.27 mm (2.5 to 50 mil)

Speed: 51, 77, 102 mm/sec (Select 2", 3", or 4"/sec)

Resolution: 16 dots/mm (406 dpi)

Media Specifications:**Roll:**

152 m (6000" linear)

Roll Dimensions:

213 mm (8.38")

Liner Width: 12.7 to 68.6 mm (.5 to 2.7")

Thickness: .08 to .31 mm (0.003 to 0.012")

Length: 2.5 to 610 mm (0.1 to 24")

Core Size: 76 mm (3")

Ribbon Specifications -

Roll: 152 m (6000" linear)

Width: 30 or 71 mm (1.2 or 2.8")

Standard Features

Very high print resolution of 406 dpi

Engineered for small label printing

Supports printing on Kapton® materials

PrecisionPrint™ Windows-based configuration utility

Digital thermal compensation-dot-by-dot-electronics for excellent print quality, even for rotated bar codes

Compatible with Intermec's printers and supports 86XX printers in 5 and 10 mil emulation mode

128K NVRAM for permanent storage of downloaded fonts, graphics, and label for mats

Communications

Rate: 1,200 to 19,200 bps

Flow Control: XON/XOFF ready/busy

Asynchronous: RS-232-C, RS-422, RS-485

Fonts and Graphics:

21 resident bitmapped fonts (includes OCR-A and OCR-B)

3 resident outline fonts

Supports user-defined fonts and graphics

Software

IPL is an advanced printer programming language that includes many features not available in other bar code printers

IPL2 - Fully backward compatible with pre-acquisition Intermec IPL printers

Advanced bar code algorithms handle all required encodation

Error detection protocols verify secure data transmission

Command errors and printer status are easily identified to your host

Communicates in printable ASCII or control characters

Independent character and field rotation

Character Sets

Code page 850, French, German, ISO 256 character, Italian, Kanji/Katakara (optional), Norwegian/Danish, Spanish, Swedish/Finnish, Swiss, UK ASCII, USA ASCII

Power Supply

100, 115, 200 and 230 V AC + 10%; 50 Hz to 60 Hz

Environment**Operating Temperature:**

4° to 40°C (40° to 104°F)

Storage Temperature:

0° to 49°C (32° to 120°F)

Humidity: Non-condensing (10 to 90%)

Bar Code Symbolologies

UPC/EAN (UPC-A/D/E, EAN-8/13, ISBN Supplemental); 2D symbols: Interleaved 2 of 5; Code 2 of 5; Code 16K; Codabar, Code 11; Code 49; Code 39; Code 93; PDF 417; Code 128; POSTNET; Maxi Code; Code One; Data Matrix

Regulatory Approvals

Complies with all FCC Part 15, Class A; CISPR 22 Class B; ICES-003 Class B; UL, CSA & TÜV GS agency approved; CE, NOM & C-TIC

Options

Internal batch take-up adapter ; Memory expansion to 512K NVRAM; Centronics® parallel; Internal IBM Coax® adapter; Internal IBM® Twinax® adapter; Bitmap and outline Kanji/Katakana; RF Gateway (902-928 MHz); Expanded font support; Ethernet®, Novell® Netware® or TCP/IP Connectivity

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