Product Profile

- **Superior Print Quality**
  The 3240 with 400 dpi resolution prints graphics, small fonts and symbologies 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.

EasyCoder® 3240 PRINTER

Printing small labels for electronic components, printed circuit boards, test tubes and vials can be challenging for rival labelprinters. With the 3240, however, it's a snap due in part to two important technologies: 400 dpi print resolution and Intermec's patented 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 ± 0.030". 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.

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

Model
EasyCoder 3240

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 .030 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
- 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 l0 mil emulation mode
- 128K NVRAM for permanent storage of downloaded fonts, graphics, and label formats

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

Language
- IPL is an advanced printer programming language that includes many features not available in other bar code printers
- IPL2 - Fully backward compatible with 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

Connectivity
- Serial interface standard
- Centronics Parallel interface optional
- Internal Ethernet interface optional
- Internal IBM Twinax or Coax interface optional

Software
- LabelShop™ START label design and print software
- Intermec InterDriver™ standard Windows 3.x, 9x, NT 4.0/5.0, Windows 2000
- Intermec ActiveX® controls standard Windows 9x, NT 4.0/5.0
- PrintSet™ printer configuration utility Windows 3.x, 9x, NT 4.0/5.0
- NetPilot™ + Thin Wizard™ network configuration utility (with optional Ethernet) Windows 9x, Windows NT 4.0/5.0

Character Sets
Code page 850, French, German, ISO 256 character, Italian, Kanji/Katakana (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 70°C (32° to 158°F)
Humidity: Non-condensing (10 to 90%)

Bar Code Symbologies
Code 2 of 5, Code 11, Code 39, Code 93, Code 128, Codabar, HIBC, Interleaved 2 of 5, Postnet, UPC/EAN, JIS-ITF
2D: Code One, Code 16K, Code 49, DataMatrix, MaxiCode, PDF417, QR Code

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
Memory expansion to 512K NVRAM; Bitmap and outline Kanji/Katakana; RF Gateway (902-928 MHz)

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