



Coditherm

THERMAL TRANSFER PRINTER

Coditherm, by Eidos, is a digital thermal transfer printer with a patented design, providing high-resolution marking of dynamic, variable codes onto rigid or semi-rigid materials, or products with uneven or porous surfaces. Marking onto non-porous plastics, such as HDPE, ABS, polypropylene, and polycarbonate, is performed without pre-treatment. Other typical applications include marking on paper, cardboard, wood, leather, and even coated metals. In addition to fixed and variable text, Coditherm produces high-quality, high-resolution (600 dpi) printing of barcodes and 2D codes, graphics, serial numbers, time, date, lot numbers, and shift codes within messages.

Extremely easy to install, the Coditherm can be integrated into an automated production line or supplied as a stand-alone unit for semi-automatic use with an operator, perfect for small batches with frequent text changes. Message creation and editing is done with the controller's touch screen graphical user interface; you can easily upload graphics and logos directly from a PC or USB memory stick. The thermal ribbons come in a wide variety of colors and styles, including hard resins (for scratch or solvent resistance), metallic, pigmented, and anti-counterfeiting.

Matthews Marking Systems



- High resolution printing, up to 600 dpi
- Quick and easy message changes
- Unit-level marking/serialization
- Replace hot stamping and adhesive labels
- Ideal for marking rigid materials

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BRAND SOLUTIONS

Coditherm

Technical Specifications



BASIC PERFORMANCES

- Patented thermal transfer technology, double ribbon printing (inked ribbon plus receptor ribbon).
- Maximum printable area: 95 x 330 mm (the limit depends on the type of transfer device used).
- Printing speed: up to 120 mm/s.
- High printing resolution: 300 dpi (optional: 600 dpi).

ELECTRONIC CONTROL UNIT

- 5.7" TFT color graphic display, with touch screen technology.
- ARM microprocessor. SDM technology, with software and data on FLASH memory drive.
- USB port for wireless connection (802.11 g) or Ethernet LAN 10/100.
- USB HOST port to manage an 8GB USB portable memory drive.

LOGIC SIGNAL INTERFACE WITH OPERATING MACHINE

- SYNC-24: I/O interface signals.
- Fully opto-isolated logic signals (4 inputs and 4 outputs).
- Passive circuits (not powered) allowing for use with 24 Volt tension.

PRINT MANAGEMENT SOFTWARE

EASYCODE® software allows for easier management of printing related operations by the machine operator, such as text storage, changes and printing. The printer also allows for interfacing with other label creation software technologies. (CODESOFT®, LABELVIEW®, EASYLABEL®, NICELABEL®, BARTENDER®, BARONE®) through a SATO and ZEBRA emulator.

THERMAL RIBBONS

Inked ribbon plus receptor ribbon, packed in 500 meter long rolls. The ribbons are available in a wide range of colors and types, including metallic colors, to fit specific applications.

EXTERNAL POWER SUPPLY AND ENVIRONMENTAL CONDITIONS

- Electrical: 220V ca 50Hz or 110V ca 60Hz.
- Maximum power: 450 VA.
- Compressed air: 6 Bar (regulated, de-lubricated and filtered).
- Peak consumption: 40 l/min.
- Room temperature: from 5° C to 40° C.
- Relative humidity: from 10% to 70%, non-condensing.

SAFETY REGULATION

The system complies with all current regulations about "Machine safety" and with CE marking standards.



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Systems

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