

THE THERMAL TRANSFER MARKING
OF THE INDUSTRIAL PRODUCTS.

CODITHERM

EIDOS
MARKING TECHNOLOGY CREATORS

CODITHERM



Coditherm Roller, for direct printing onto containers.

REVOLUTIONARY MARKING, UNIQUE MARKING SYSTEM.

Coditherm is the quintessential industrial printer, presenting with all the advantages of Thermal Transfer technology, which has been developed by Eidos at its best. Coditherm is an international patent-owned product enabling direct coding in the

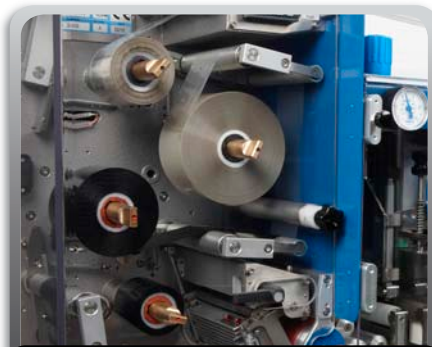


Thermal ribbons, of any colour and type.

production line without the use of any plates. This device is reliable and solid, yet it is easy to use and efficient, allowing the marking of products with variable data. It can be used on plastic, paper, pasteboard, wood, leather, rubber and painted metal as well as on irregular surfaces and porous materials. It is an authentic alternative to traditional printing systems, such as ink-jet and laser printing. In other words, it is a small revolution - made in Italy.

FLEXIBILITY, PRODUCTIVITY, SUSTAINABILITY AND MANY OTHER ADVANTAGES

- Coditherm is the ideal solution for the marking of small lots with frequent text variations.
- High quality and definition printing, readily available and resistant to solvents and abrasion: it is the best solution enabling easy to read bar codes and two-dimensional codes.
- Direct marking in the production line.
- Printing without any plates, providing time saving and a reduction in costs.



Detail of the print module.

- Allows for automatic codification of the lots using variable data (date, progressive or regressive numbers, text in different languages, ingredient lists, bar codes, two-dimensional codes, logos).
- Immediate colour change without the need for solvent cleansing, allowing for better workers' health protection.
- Maximum ease of use for white and metallic colours.
- Customisation of the product directly in the packaging phase, allowing for elimination of pre-printed parts stocks.
- Access to a wide range of thermal ribbons, enabling a wide choice

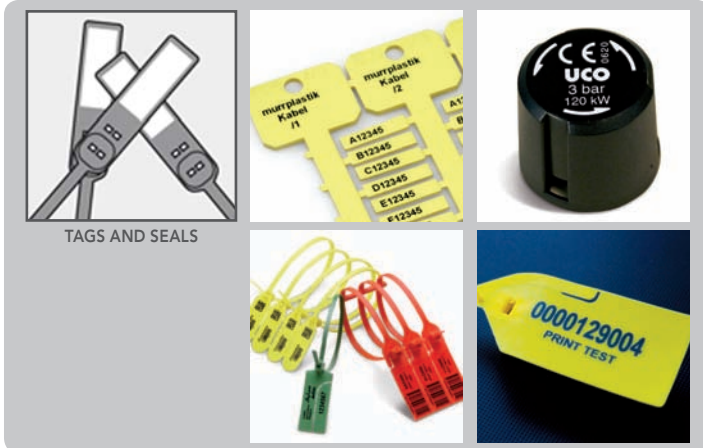
of styles, colours (pigmented and metallic) and options:

- ◆ hard resin models, for higher durability (resistant to scratching and solvents);
- ◆ special models for security and anti-counterfeiting purposes (with holograms and other customised technologies).
- Wide range of hot transfer devices to fit any application.
- Extreme structure resilience, enabling installation in any industrial environment.
- Quick recall of text from the capacious internal memory. You only need to press a button.
- Data exchange with USB memory cards or external desktops, for highest reliability.
- Touch-Screen colour graphic display, to simplify the text recalling and data adjustments related operations, and providing a better control of the printing process.
- Easycode software for text processing.
- The device can be provided either as print-head for installation onto automated systems (e.g. on automatic handlers) or as a stand-alone device, mounted on a desktop standing system.

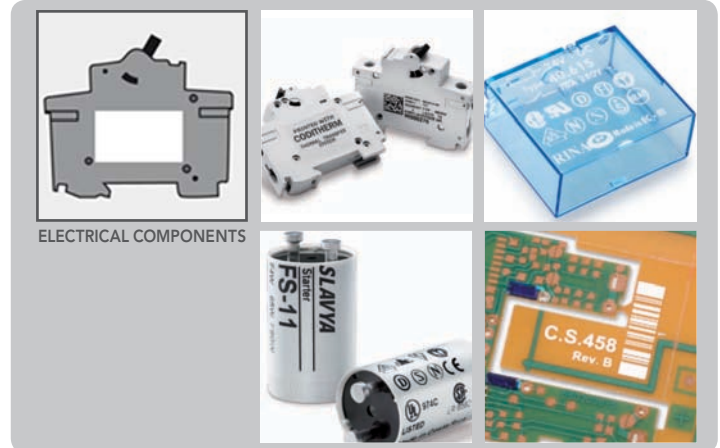


Console with Touch Screen colour display.

CODITHERM DIRECTLY PRINTS VARIABLE DATA ON:



TAGS AND SEALS



ELECTRICAL COMPONENTS



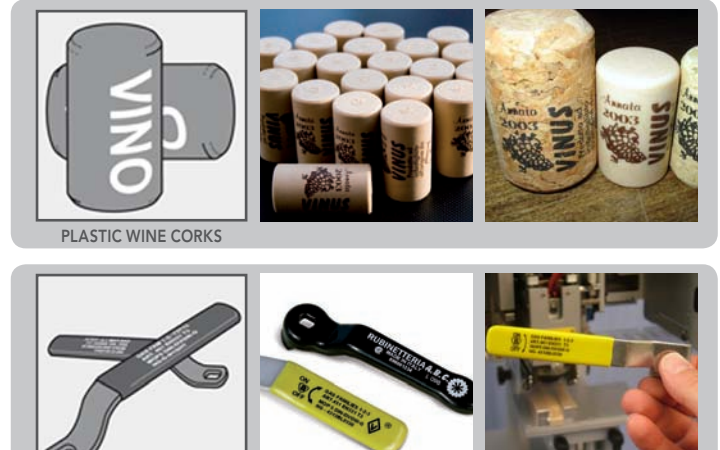
MEDICAL COMPONENTS



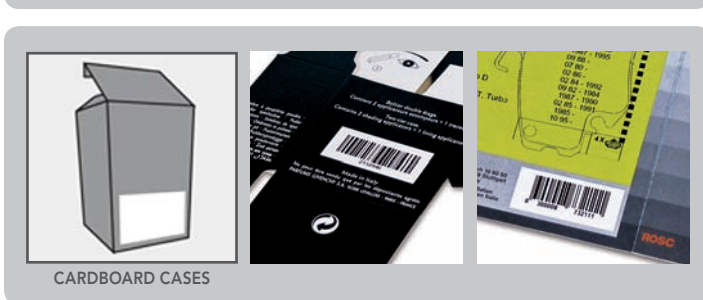
ROUND PLASTIC OBJECTS



PLASTIC CONTAINERS



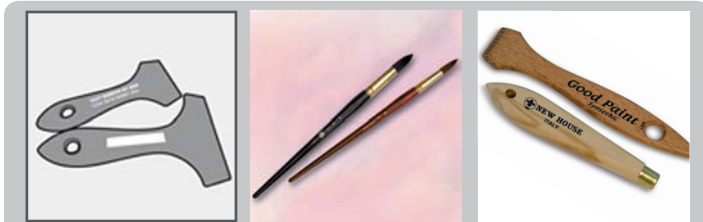
PLASTIC WINE CORKS



CARDBOARD CASES



ELECTRIC CABLES AND WIRES



BRUSH HANDLES



PLASTIC, LEATHER, WOODEN OR PAINTED METAL OBJECTS

CODITHERM is available in different versions, enabling printing onto most surfaces, materials and object shapes. Each version comes with a wide range of stands and accessories, in order to fit each and every specific need.

FLAT

Ideal for printing onto plain or slightly formed surfaces, especially on those requiring a wider marking area.



ROUND

For printing on round or slightly conic objects. Many different types of motorised rotating devices available.



PAD

Ideal for smaller sized prints and for special applications.



GENERAL TECHNICAL FEATURES

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).

DATA SETTING CONSOLE (ELECTRONIC UNIT)

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

LOGIC SIGNAL INTERFACE WITH OPERATING MACHINE

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

PRINTER MANAGING SOFTWARE

EASYCODE®: this software, designed by EIDOS, 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 all the other labelling creation software technologies (CODESOFT®, LABELVIEW®, EASYLABEL®, NICELABEL®, BARTENDER®, BARONE®) through a SATO and ZEBRA emulator.

THERMAL RIBBONS

Inked ribbon plus receptor ribbon, packed in 500m long rolls. The ribbons are available in a wide range of colours and types, including metallic colours, to fit each and every application.

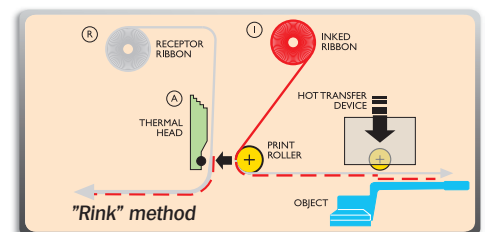
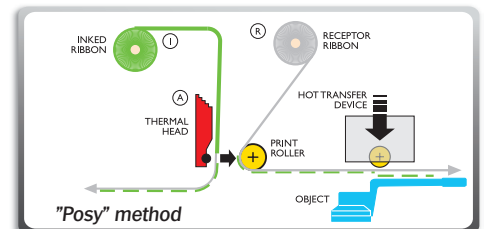
EXTERNAL POWER SUPPLY AND ENVIRONMENTAL CONDITIONS

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%, not condensing.

SAFETY REGULATION

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

For further information, please visit: www.eidos.eu



PRODAJA IN VZDRŽEVANJE:

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