CODITHERM PRINTING METHOD

CODITHERM is designed and produced entirely in Italy by EIDOS.

For further information, view the QR code with the mobile or please visit www.eidos.eu
Coditherm is the quintessential industrial printer, presenting with all the advantages of Thermal Transfer technology, which has been developed by Eidos at its best.

It is an international patent-owned product enabling direct coding in the 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.

**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.
- 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.
- 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.

**Possibilities of application:**

- Each version of Coditherm can be mounted on a table stand or on a floor-stand.
- 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.

**H-PAD**

H-PAD is the Coditherm model made by Eidos specifically for printing text and variable codes in recessed areas of plastic containers. H-PAD has a high-power piston capable of developing a force of up to 22.8 kN, in addition to new, higher performance pad heaters.

**I-ROLLER 2**

The I-ROLLER 2 projects the Coditherm range towards total excellence. The use of high power infrared rays to heat the transfer roller guarantees faster transfer speed and no energy loss. Thanks to its interchangeable rollers, I-ROLLER 2 offers high-quality printing on a range of materials and surfaces.

Data may change, quality must not.

Flexibility, productivity, sustainability and many other advantages.

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