

Touch-Screen colour graphic display, to simplify the text recalling and data adjustments related operations and providing a better control of the printing process.

I-ROLLER 2 uses high power infrared rays to heat the transfer roller. Roller is heated with no direct contact points, a benefit for cleaning all other parts of the system. This solution guarantees **low maintenance**.

Larger diameter roller, with increased thermal capacity, which is sturdier and longer lasting; the hot roller replacement is fast and convenient.

PRINTING QUALITY STARTS FROM THE RIBBON.

I ROLLER 2 uses hot printing foil like thermal ribbons designed specifically for the Eidos Coditherm thermal transfer printing method.

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**.

TOTAL VERSATILITY.

Thanks to its interchangeable rollers, **I-ROLLER 2** offers **high-quality printing** on a range of materials and surfaces; it makes the printer the ideal device for printing on flat or slightly curved surfaces.



Coditherm
I-ROLLER 2

A surge in quality. Infrared.

Coditherm I-ROLLER 2. Thermal transfer marking at its finest.



In over 40 years of business, Eidos has developed and patented the procedure for direct thermal transfer printing on solid objects.

This solution is ideally suited to printing **variable data**, directly and in **real time**, onto **industrial products**. Thanks to the Coditherm range the **precision, reliability, cleanliness and excellent versatility** of this technology have also become available for **marking the widest range of materials and shapes, in addition to small lots**.

With the use of high power infrared rays to heat the transfer roller, Eidos projects the Coditherm range towards total excellence.

Thanks to its interchangeable rollers, **I-ROLLER 2** offers high-quality printing on a range of materials and surfaces:

- slightly irregular surfaces;
- flat surfaces which require high pressure;
- flexible or hot-melt materials.

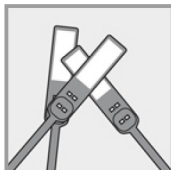
The potential uses are endless:

- **plastic containers** (e.g. urban or hospital refuse recycling food trays, plastic pallets);
- **electromechanical and electronic components** (e.g. plate data printing);
- **medical components** (e.g. to identify disposable products);
- **multiple plastic tags** (e.g. security seals).

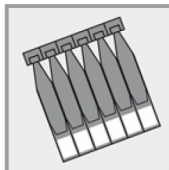
Variable data printing - Codes and progressive numbers.



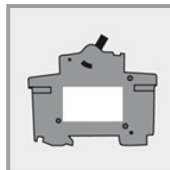
Plastic containers



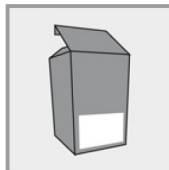
Tags and seals



Medical components



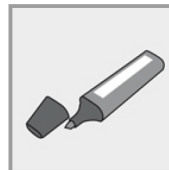
Electrical components



Cardboard cases



Tap handles



Plastic, leather, wooden or painted metal objects



Brush handles

Technical Features

PERFORMANCE

- Print width: max 90 mm.
- Print length: max 340 mm.
- Carriage stroke: 360 mm.
- I-R heater power: 1 KW.
- Max. piston force: 1870 N (at 6 bar).
- Max. piston stroke: 60 mm (working stroke 40÷50 mm)
- Other technical features: see general catalogue of the Coditherm range.

DIMENSIONS

I-ROLLER Ultra-Long: 944 mm x 430 mm x 325 mm.

PRINTING PERFORMANCE

- Print resolution: 300 dpi.
- Print speed (hot roller transfer device):
 - up to 100 mm/s (with soft resin ribbons);
 - up to 50 mm/s (hard resin ribbons).
- Carriage return speed: 90 mm/s.

SAFETY REGULATION

I-ROLLER 2 responds to the regulations in force on the Safety of machinery and on EC Marking.



I ROLLER 2 is designed and entirely made in Italy by Eidos S.r.l. The printing method is patented by Eidos.



For further information, view the Qr code with the mobile or please visit www.eidos.eu

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