CODEMARK

M4 Inkjet Printer

The M4 printer, is a robust, reliable and cost-effective Continuous Inkjet Printer designed to fulfil the demanding requirements of coding on 24/7 production lines. The robust stainless steel IP55 cabinet makes it suitable for factory environments, including wash down areas such as dairies and wineries.

With coding **up to 4 lines of print as standard** on PET bottles, glass bottles, metal cans, eggs, ready meal sleeves, plastic caps and metallised film, the M4 is ideal for coding on most substrates used on production lines today**.**
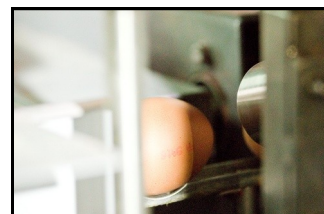
Designed by engineers who understand your need to maximise production, the M4 uses only proven components for maximum reliability and stability. The running costs are minimised with no expensive ink modules to replace or ink tank changes between major services. You will appreciate the 2,500 hour service interval which ensures maximum uptime, the low maintenance printhead and the simplicity of layout that means easy access to components for fast servicing. The single-button shutdown sequence carries out automatic printhead cleaning for easy, fast and clean shutdowns. The simple, intuitive icon-driven menus make the M4 easy to operate.

To ensure that the M4 is easy to program, it's fitted with a large 10.4" TFT colour touch screen and uses icon-based menus that are intuitive and simple to use.

For remote operation there is also a USB interface to allow messages to be downloaded via USB stick or even printed directly for Word or Excel packages. The Ethernet option allows the printer to have messages remotely selected or downloaded from a control PC for total security.

Fast drying Inks are available for most substrates including PP, PVC and glass and include pigmented, food grade, thermotropic (colour change), ink for wet glass bottles, food grade and non-MEK. If you have an application that requires special ink we have access to an ink development team who can work with you to provide the correct solution.

Let us demonstrate the M4 on your production line. Contact us to arrange a visit.

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Features

Performance
- Up to 32 dots character height
- Character size up to 25mm
- Up to 1667 characters per second
- Line speed up to 5 metres/second (300 metres/minute)
- Maximum print distance 15mm

Printing
- From 1 to 4 lines of print, up to 32 dots character height
  with character formats of 5x6, 7x6, 9x8, 14x12, 16x12, 21x18 and 32x24
- Barcodes EAN 8, EAN 13, ITF, Code 39, UPC-A
- Up to 10x bold character for high density print
- Standard and user definable format for shift coding
- Adjustable real time clock function for forward date coding
- Incremental / decremental numbering

Operation
- Single button startup and shutdown
- 2,500 hour service interval
- No ink modules to replace
- Large, easy to use backlit 10.4" TFT touch screen
- Simple menu system for ease of use with WYSIWYG editing
- Up to 999 characters per message
- Large 256Mb memory (holds up to 20,000 messages)
- Integral USB port allows direct printing from Word or Excel
- Logo, symbols & barcode printing capability with PC-based logo & message creation software
- Full on-screen diagnostics
- Password protection selectable on menus

Ink
- A wide range of inks are available for most substrates including
  Pigmented inks for marking dark substrates
- Thermotropic / colour change inks for retort processes
- Wet glass ink for cold fill bottling applications
- Non MEK inks
- Food grade inks for marking onto eggs, food packaging and materials
- General purpose quick dry MEK inks

Options
- Shaft encoder input for variable speed or stop/start conveyors
- Ethernet interface
- USB port
- A wide selection of photocells to cope with detection of most products
- External alarm output

Physical Characteristics

- Base and enclosure	Stainless Steel
- Environmental protection rating	IP55
- Operating Temperature range	5 - 45C
- humidity (r.h., non-condensing)	90% max
- Power supply	200-240V, 50Hz
- Power rating	150W
- Weight	35kg
- Dimensions	710x465x280mm

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