

i100m Large Character MEK Ink Jet Printer

The entry-level Codeology **i100m large character MEK ink jet printer** is designed to print easily-legible large character print on clay-coated cardboard boxes, shrink-wrap, timber, bricks or blocks or any non-porous surface. It will print sell-by dates, batch information, counts, production dates and any other variable or fixed information. With the built-in real-time clock it can automatically calculate sell-by dates and Julian dates required for batch traceability.



The i100 is a stainless steel, modular inkjet printer designed for ease of use and reliability in today's 24/7 factory environments. The i100 can print one or two lines of print on one or both sides of a product, on the top or even underneath. The MEK ink dries within seconds on any non-porous substrate. The ink system is totally sealed meaning that unlike continuous MEK ink jets there are no expensive makeup fluids or solvents to evaporate.

Whether controlled from either a removable Hand Held Controller or completely remotely via the Ethernet or RS232 interfaces, operation is simple.



With today's multi-ethnic workforces from all parts of the EU it is by no means certain what language the operators will know, so a simple Tick and Cross menu system on the Hand Controller is used to enable easy training and understanding.

Print message editing uses the same method as mobile phone texting, allowing a small number of keys to call up the entire alphabet with ease. Training your operators to edit print messages is not difficult, as most operators are already comfortable with texting methods.



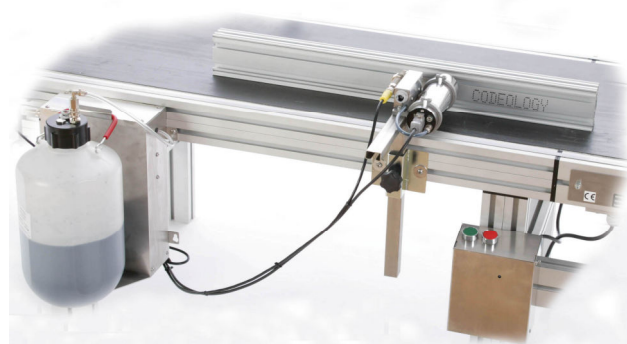
Single line print heads print 20mm high characters and are small enough to allow easy mounting of the heads in confined spaces or inside process machinery.

Let us demonstrate the i100m on your production line. Contact us for further details.

Features

Mechanical/Electrical

- Print heights fixed 20mm available in low profile 7 dot single line print heads or twinline 16 dot printheads printing 2 lines of 7 dots or one 50mm twinline of 16 dots.
- Print speeds up to 30 metres per minute standard (60 on request)
- Heads can print horizontal, vertical and obliquely on angled conveyors
- Self contained air pump, only needs mains electricity
- Modular design means any component can be changed in less than 30 minutes
- Stainless steel throughout as standard, no rust or paint to flake



Operation

- Automatic shift, time, date and Julian date printing with leap year compensation
- Automatic sell-by date calculators (days or months as standard, specials on request)
- Prints on one or both sides of a product from one controller
- Up to 100 messages stored internally (unlimited storage with Ethernet and PC software)
- Various control options; no keypad, remote keypad or remote PC control
- Share one hand controller amongst multiple machines to reduce cost and increase security
- Password protection is available so you can enable operators to select the print message but only supervisors can alter them.

Ink

- MEK based ink for non-porous surfaces such as shrink wrap, bricks, blocks, plastics, timber and coated board.
- 5 litre easy-change ink container for maximum uptime
- Inks available in black as standard, others colours may be available on request, contact us for details.

Options

- Ink level detect system for relay output of low ink level
- Ethernet connectivity option with iText control and data logging software

What else can Codeology offer?

Codeology manufacture a wide range of ink jet printers including the ip600 waterproofed to IP65. We both sell and hire any of our machinery. In addition we manufacture industrial computers, print and apply labelling machines, bench top printers, applicators, ribbons and labels (both blank and pre-printed) for the retail supply chain. Contact us for further details on any of our products.

