



CM750

CIJ PRINTER

PRODUCT DESCRIPTION

The CM750 has been designed to meet the very exacting standards and flexibility demanded from an industrial printer in today's fast moving production environments. Reliability of operation in the harshest environments with the quality of printing monitored and maintained to deliver the perfect code every print.



INTUITIVE



Easy to Use

10" Colour touch screen with easy to operate interface



Industrial Casing

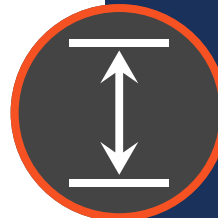
Cased in a modular well protected IP55 industrial structure



Easy Service

Single part service and solvent consumption saving system

RELIABLE



Up to 5 lines of print

1, 2, 3, 4 or 5 lines of text, graphics and barcodes



Modular Ink System

For quick and clean fluid addition



Maintenance friendly

Modular printhead

PRINTER FEATURES

Screen Size	Colour 10 inch TFT LCD Touchscreen
Power Supply	AC 100V – 240V, 50 / 60 Hz, 1.4A. Maximum Power Consumption: 138W
Environment	5 – 45°C, Humidity 90%
Conformity	CE Certification
Print Lines	4 lines x 7 high / 5 lines x 5 high
Print Fonts	5x5, 6x5, 9x7, 11x9, 16x11, 19x14, 24x16, 32x24
Nozzle	60/70µm
Print Data Source	USB, RS232, TCP/IP
Cartridge Volume	750ml
Total Ink Volume	1,250ml

OPTIONAL ACCESSORIES

- Stand with casters
- Alarm beacon
- Printhead Holder
- Horn for alarm



CONTINUOUS INKJET

KEY FEATURES

- **Modular ink system**
- **IP55 industrial structure**
- **Quick, clean, fluids addition**
- **Maintenance friendly modular print head**
- **A simple high resolution operated user interface**
- **Single filter module**



The CM750 CIJ printer offers print data options through network and local scanners and gives a powerful performance with a low cost of ownership. It has a modular, well protected IP55 industrial structure and the ability to quickly change the filter and fluids keeps your manufacturing line up and running.

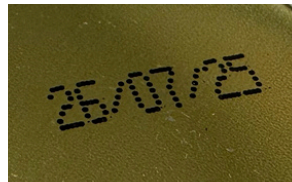


The automatic monitoring system allows for quality print consistently. In addition to the quality of the code that the printer provides, we also manufacture the fluids that are backed by a quality control process that is unmatched in the industry.

SUITED TO:



**MANUFACTURING
INFORMATION**



**FAST MOVING
CONSUMER GOODS**



**TRACEABILITY
INFORMATION**

INKS & CONSUMABLES

General Purpose Inks

Range of general purpose black inks suitable for all makes and models of CIJ printers. Dye-based inks available in Black, Red, Blue and Green.

Fast Drying Inks

Acetone-based inks which exhibit drying times even faster than MEK inks.

Pigmented Inks

Pigmented inks have superior opacity and light fastness than dye-based inks. Available in Black, White, Yellow, Blue, Green, Red, Orange, Grey, Light Blue

Food Packaging Inks

Inks which are suitable for use on primary food packaging. Compliant with relevant food packaging regulations and with Swiss Ordinance regulation

Food Grade Inks

Inks which are suitable for printing directly onto food. Most common application is egg-coding. Ethanol inks available in red and blue. Aqueous inks available in red, blue and green

Plastic Inks

Range of inks which provide excellent adhesion on plastic materials, especially low energy plastics such as PE, PP or OPP.

High Resolution Drop on Demand Inks

Oil based DOD inks available in black.
Dye based DOD inks available in black, green, blue and red.

INKS & CONSUMABLES



Autoclave Ink

Ink which is designed to survive the autoclave process.

Black dye-based autoclave ink. Black pigmented autoclave ink

Cable-Coding inks

Range of CIJ inks specifically designed for use in high-speed cable-coding applications

Dye-based inks and pigmented inks available



Chemical Resistant Inks

Inks which are designed to resist certain chemicals after printing. IPA resistant ink

UV Fluorescent Inks

Inks which are invisible under normal daylight but glow brightly when illuminated with UV light.

Inks which fluoresce blue, red and lime-green available




Permanent Ink

Ink requires a heat cure process after printing and is then resistant to most solvents

Glass Coding Inks

Inks which offer excellent adhesion on glass. These are permanent and not suitable for repeatable bottle applications. Black and UV fluorescent inks available



Thermotropic Inks (Thermochromic)

Inks which permanently change colour when heated or autoclaved.

Colours change from Black to Red or Black to Blue. All inks are methanol free.

INKS & CONSUMABLES

Micro Inks

Inks for use with micro (40micron) nozzles where very small codes are required
Dye-based inks in a range of colours. Pigmented black and white inks available



Aqueous Inks

Water-based inks designed for use in CIJ printers. Non-hazardous option for printing onto porous substrates such as paper or cardboard. Pigmented and dye-based products available.



Washable Inks

Inks which can be easily removed after printing without using solvents or any physical rubbing process. Water washable Ink. Alkali Washable Ink.



Low MEK Inks

Inks which contain <70% MEK. All makeup and cleaning solutions also contain <70% MEK.
Range includes GP black, white, yellow and other speciality inks.



MEK Free Inks

Range of inks and make-up fluids which do not contain any MEK.
Various solvent systems available including Acetate, Ethanol, Acetone/Ethanol.



Oil Penetrating Inks

Ink which is capable of penetrating a film of light oil to print onto the substrate.



Vulcanisation Resistant Inks

Pigmented inks for printing onto cables or other products
Inks will resist the vulcanisation process and remain visible



ABOUT OUR VISION

We exist to use our decades of knowledge and experience to elevate the Cyklop brand to be recognised as a tier one company for Coding & Marking technologies and consumables in the EMEA region. We do this by building lifelong partnerships by being customer obsessed and providing innovative and practical Coding and Marking solutions.

CYKLOP NEEDHAM

CYKLOP NEEDHAM are a manufacturer of industrial inks and distributor of coding and marking printers within the EMEA region. The company has over 62 years of experience and heritage in the coding and marking industry, with a product range that expands beyond Inks & Consumables, including but not limited to Continuous Inkjet (CIJ), Thermal Inkjet (TIJ) and Laser marking machines. We strive to stay ahead of the curve with the latest technologies, serving a community of customers in various industries and sectors including food and beverage, packaging, pharmaceutical and many more.



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