



UV LASER MARKING SYSTEM

PRODUCT DESCRIPTION

The CM800U is a light and agile UV laser marking system that integrates seamlessly into production lines, helping customers to achieve high quality and high speed marking in various production situations. It is an ideal coding solution for auto-parts, electronics, cosmetics, pharma amongst others.

NON-STOP



Optimised total output power for a laser source life of up to 40,000 hours



Air-cooled laser source requires no additional maintenance



Totally sealed maintenance-free optical system, no adjustment required

HIGH EFFICIENCY



High-speed digital galvanometer system to ensure high speed and accuracy



Scientific and accurate vector planning logic, reducing the time consumed for a mark



Flexible integrated solution with multiple standard beam transmission options

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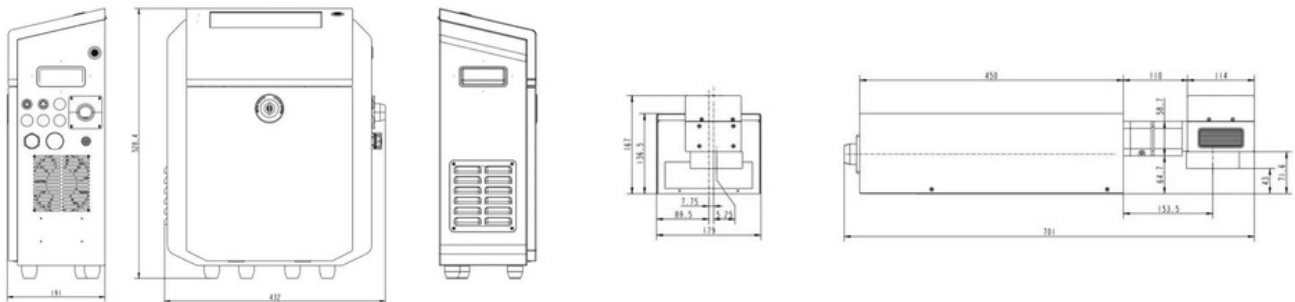
Easy to operate

- Highly integrated modular design ensures simple and convenient installation and maintenance
- Ultra-high-speed for up to 150,000 markings per hour

High quality

- “Cold processing” with small focal spot and heat effect, ensures the minimisation of package damage
- Achievable high-contrast with great visual readability on white HDPE/LDPE packaging

Marking Speed	Up to 2,000 characters/second
Line Speed	Up to 200m/min
Marking Windows	70x70mm to 220x220mm, 110x110mm standard
Laser Power	3W, 5W and 10W
Wave Lengths	355nm
Marking Format	Standard industrial fonts, Bar codes, QR-Code, Data Matrix, Aztec-Code, Han Xin-Code, Graphics, Logos, Symbols, etc.
Focusing Aid	Standard, switchable red LED
Positioning Aid	Standard
Laser Tube	Solid-state UV Laser
User Interface	Personalised touch control screen
Communication	UDP, TCP/IP and RS232
Integration	Flexible beam delivery options
Electrical Requirement	240v AC ~50/60Hz 1 PH 0.70KW
Environment	Temperature 5-40°C (41-104°F) Humidity 10%-90%, non-condensing
Sealing and Safety Standards	Cabinet: IP54 standard, Marking Unit: IP54 standard
Weight	Standard unit: approx. 28kg



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.



www.needham-ink.com

enquiries@needham-ink.com

+44 (0)1948 662629

Waymills Industrial Estate, Whitchurch, Shropshire, SY13 1TT, United Kingdom

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