CODING

CM 800U LASER MARKING SYSTEM

CYKLOP®

GLOBAL PACKAGING SOLUTIONS

STRAPPING
WRAPPING
CODING
TAPING

CM 800 U   Laser marking system

CM 800U series UV- laser marking system is due to its extremely small focusing spot and minimal processing heat and impact on material especially suitable for ultra-fine marking, special material marking, such as food, tobacco, medicine, electronic components, chemicals, building materials, painted metal surface, glass and many other applications. A laser from the CM 800 series is the first choice for customers with high demands on marking quality.

Non-stop

✓ No consumables in daily operation and no needs of daily mechanical maintenance procedures will effectively extend the up-time
✓ Air-cooled laser source will maximize machine utilization and reduce unplanned downtime
✓ Fully enclosed maintenance-free optical system, no adjustment required to ensure the stability of the entire system

Easy to operate

✓ Flexible integrated solution with multiple standard beam transmission options
✓ Highly integrated modular design ensures simple for easy installation and maintenance
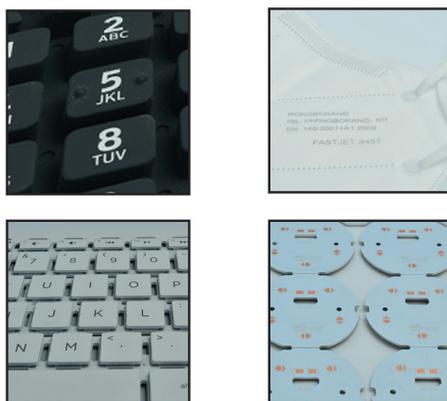✓ Intuitive touch screen interface, simple to learn and easy to edit information

High efficiency

✓ High-speed digital galvanometer system to ensure high speed and accuracy
✓ Scientific and accurate vector planning logic to reduce marking period
✓ Ultra-high-speed for up to 150.000 markings per hour

High Quality

✓ "Cold processing" with small focal spot and heat effect, ensures the minimization of package damage
✓ Fine and non-erasable marking to help on realization of traceability and anti-counterfeiting in the whole product life cycle
✓ Achievable high-contrast with great visual readability on white HDPE/LDPE packaging

Technical specifications

Marking speed	Up to 2,000 characters/second
Line speed	Up to 200/min
Marking windows	70x70 mm to 220x220mm, 100x100 mm standard
Laser power	3, 5 and 10 W
Wave length	355 nm
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	Personalized touch control screen
Communication	UDP, TCP/IP and RS232
Integration	Flexible beam delivery options
Electrical requirement	240 VAC ~50/60 Hz 1 PH 0.70 KW
Environment	Temperature 5-40°C (41-104°F) Humidity 10%-90%, no condensing
Sealing and safety standards	Cabinet: IP54 standard Marking Unit: IP54 standard
Weight	Standard unit: approx. 28 kg

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