



# CODING

CM 800C LASER MARKING SYSTEM

**CYKLOP**<sup>®</sup>  
GLOBAL PACKAGING SOLUTIONS

STRAPPING  
WRAPPING  
CODING  
TAPING

# CM 800C

# Laser marking system

CM 800C series CO2 laser marking system help customers achieve high-quality and high-speed printing in various production situations. The printing content is flexible, not restricted by fonts, coding or graphics. It is an ideal solution for high-speed and complex coding request in food, beverage, cosmetic, pharmaceutical and extrusion industrials.

### Non-stop

- ✓ Optimized 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 to ensure the stability of the entire system, thereby minimizing unplanned downtime

### Easy to operate

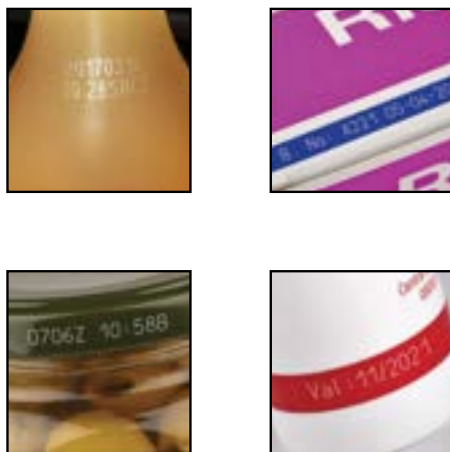
- ✓ Flexible integrated solution with multiple standard beam transmission options
- ✓ Highly integrated modular design ensures simple and convenient installation and maintenance

### High efficiency

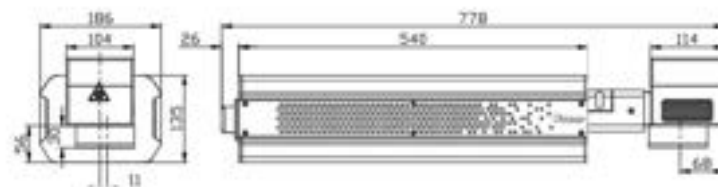
- ✓ High-speed digital galvanometer system to ensure high speed and accuracy
- ✓ Scientific and accurate vector planning logic, reducing the time consumed for a single marking
- ✓ Ultra-high-speed

### No mistake

- ✓ In-house developed touch screen high-speed laser printer control system
- ✓ Human-machine interaction, reducing mis-operations and ensuring correct marking
- ✓ Multiple high-resolution print field lens options provide accurate and perfect identification



Technical specifications	
Marking speed	Up to 2,000 characters/second
Line speed	Up to 200/min
Marking windows	50x50 to 400x400mm, 100x100 mm standard
Laser power	10, 30 and 60 W
Wave lengths	10.6um 10.2um and 9.3um
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	Sealed CO2 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. 40 kg



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