

PACCO2 Laser Coder

ADVANCED CODING TECHNOLOGY



The PACCO2 Laser Coder represents cutting-edge industrial marking technology designed for high-speed production environments. This sophisticated CO2 laser system delivers precise, permanent coding on a wide variety of packaging materials and products. With its advanced beam delivery system and intelligent control interface, the PACCO2 ensures consistent, high-quality marks across diverse substrates including cardboard, plastics, glass, and flexible packaging materials.

Engineered for reliability and performance, this laser coding solution integrates seamlessly into existing production lines while offering exceptional flexibility for various marking applications. The system's robust construction and minimal maintenance requirements make it an ideal choice for manufacturers seeking to enhance product traceability, comply with regulatory requirements, and improve operational efficiency. The PACCO2's non-contact marking process eliminates consumables, reducing operational costs while maintaining environmental sustainability standards.



High-Speed Performance

Capable of marking up to 1,000 products per minute with exceptional precision and consistency



Superior Accuracy

Advanced positioning system ensures precise mark placement with $\pm 0.1\text{mm}$ accuracy



Easy Integration

Seamless connectivity with production line systems and user-friendly control interface

Technical Specifications & Applications

Key Technical Features

- CO2 laser source with 10.6µm wavelength for optimal marking quality
- Power output range: 10W to 60W for various material requirements
- Marking area: up to 300mm x 300mm with expandable options
- Operating speed: adjustable from 1 to 7,000mm/s
- Resolution: up to 1000 DPI for crisp, clear codes
- Cooling system: air-cooled or water-cooled configurations
- Control system: Windows-based with intuitive touchscreen interface
- Communication protocols: Ethernet, RS232, USB connectivity

Industry Applications

- Food and beverage packaging with date codes and batch numbers
- Pharmaceutical products requiring regulatory compliance marking
- Cosmetics and personal care product identification
- Automotive parts traceability and serialization
- Electronics component marking and branding
- Building materials and construction products
- Flexible packaging films and pouches
- Glass bottles and containers with permanent codes

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50%

24/7

Uptime Reliability

Exceptional operational reliability with minimal maintenance requirements

Cost Reduction

Lower operational costs compared to traditional ink-based coding systems

Continuous Operation

Designed for round-the-clock production environments with consistent performance

📄 **Environmental Benefits:** The PACCO2 Laser Coder eliminates the need for inks, solvents, and consumables, making it an environmentally friendly marking solution. Zero waste generation and reduced carbon footprint align with sustainable manufacturing practices while delivering superior marking quality and permanence.