Matthews Marking Systems™

DATASHEET

eMark® *eco* Laser

Affordable, easy-to-use laser for primary coding applications.

Matthews' 10-watt eMark® ECO laser is engineered for small character coding on primary packaging, including cardboard boxes and paper or thermal labels. Ideal for two lines of coding, the ECO produces vector-quality, permanent coding of alphanumeric text, date and time codes, serial numbers, barcodes, and 2D codes often utilized in food, beverage, cosmetic, pharmaceutical, and industrial applications. The ECO is a CO2 laser ideal for companies that are looking to replace continuous inkjet systems or permanently code products at an economical price. Eliminating ink consumables and reducing maintenance costs with the ECO gives you a clean coding solution while reducing your total cost of ownership.

Small footprint allows for simple line intergration.

The eMark® ECO laser is compact, measuring at 21 inches (533 millimeters) long and 15 pounds (7 kilograms). Its small size allows for easy integration into new and existing production lines. Features include a built-in start/stop key and LED status indicator lights. Optionally, a hand-held touchscreen interface terminal includes user-friendly preview, edit and new job creation modes for system and project setup.

Message management and line integration.

To manage messages and settings for multiple lasers across one or several production lines, control the eMark® ECO with Matthews' universal print controller, MPERIA®*. Seamlessly integrate with your ERP systems and databases to reduce coding errors and improve productivity.

FEATURES

+ The most compact unit in Matthews laser product line
+ Vector high-resolution printing, permanent marking of text, date and time codes, serial numbers, barcodes, 2D codes, and graphics
+ Modular design reduces equipment foot print to minimize space required for mounting
+ Message creation through MPERIA®, PC software, or portable interface







**Optional*

eMARK® ECO Laser Technical Specifications

Communication

- USB/Ethernet 10 Base T Port
- SolMark II design software available for Windows XP, and Windows 7
- Discrete Input/Outputs for systems interlock, status and layer selection mode.

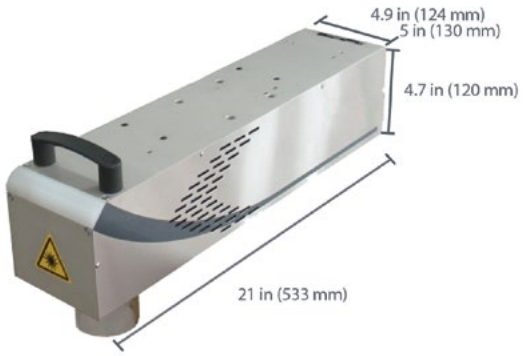
Languages

- Language versions:

English	Italian
Chinese	Dutch
French	Polish
German	Swedish
Spanish	Portuguese

Options

- Handheld terminal for local programming of job files
- Safety enclosure with product detector holder
- Rugged T-Base stand for quick installation for both vertical and horizontal mounting
- Shaft encoder with mechanical holder and wheel
- Product detector
- Fume/Dust extractor with active carbon & HEPA lter





Shown with mounting stand.

eMark® ECO Laser	10.6 µM Wavelength
Laser Output Power	10w
Electrical Requirements	115/230 V 50/60 Hz (auto sensing)
Shutter Type	Electronic
Shutter Position Sensor	Not available
Touchscreen Terminal	Yes
Focal Distance	Side: 2.8 in (72 mm)
Dimensions & Weight	LASER 21 x 4.9 x 4.7 in (533 x 120 x 124 mm) 15 lbs (7 kg)
Marking Field Size	1.4 x 1.4 in (35 x 35mm)



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