

MATTHEWS

eSolarMark Light

PET CO2 Laser Coding System

- Vector quality, contrasting codes onto PET material
- Permanent coding of text, date and time codes, serial numbers, barcodes and 2D codes, and graphics
- Optional IP65 rated enclosure for washdown environments
- Laser coding requires no ink/solvent consumables for a lower overall cost of ownership
- Clean and eco-friendly coding system

The Matthews eSolarMark Light CO2 laser coding systems are ideal for coding a high quality, contrasting mark onto PET materials, such as beverage containers. There is also an IP65 rated heavy duty version for washdown environments.

The Matthews laser coding systems provide many interface options to connect to remote devices such as PLC's, packaging equipment, material handling equipment, and many other peripheral devices used in the manufacturing environment. Matthews' laser systems have the greatest focal distance, allowing the laser to be mounted further away from production line obstructions, and they are capable of running in static or dynamic mode. There are three control interface models (network, keyboard, or 10.4" color touch screen) and Matthews provides free message design software with every laser system purchased.



eSolarMark Light CO ₂	9.3 μm wavelength
LASER OUTPUT POWER	20W
ELECTRICAL REQUIREMENTS	115V 60Hz/230V 50Hz (auto adjustable)
POWER CONSUMPTION	600W
COOLING	Integrated Fans: at ambient temperature 41-104°F (5-40°C) Up to 100% of laser duty cycle Water: at ambient temperature 104-113°F (40-45°C) (IP65) Or in dirty, dusty, humid environment
OPERATING ENVIRONMENT	Ambient temperature 41-113°F (5-45°C) Humidity up to 80% non-condensing
ENCLOSURE TYPE	IP52, NEMA 12 / IP65, NEMA 4 (optional)
DIMENSIONS AND WEIGHT	Control Unit: 13.2" L x 14.2" W x 6.3" H (335 mm L x 4360 mm W x 160 mm H) 18 lb. (8 kg) Marking Unit: 28.5" L x 5.5" W x 5.5" H (726 mm L x 140 mm W x 140 mm H) 29 lb. (13 kg)

COMMUNICATION

- USB/RS232/Ethernet 10 Base T
- Input/output connector for: system interlocks, remote start/stop, ready, marking, status signals, and remote key switch connection.
- SolMark II job edition software available for Windows XP, Windows 7

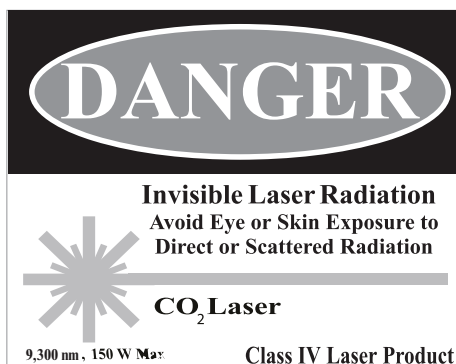
LANGUAGES

- Different language versions available: English, Chinese, French, German, Spanish, Italian, Dutch, Polish, Swedish, and Portuguese

OPTIONS

- Multiple user interface options (network, keyboard, touchscreen)
- IP65 enclosure
- Scanning head mounting extension modules
- Product detector and shaft encoder
- Fumes / dust extractor (with active carbon filter)
- Chiller for water-cooled systems (IP65)
- Red laser pointer for marking position preview

**CE and CDRH
Compliant**



Matthews Marking Products continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.

Matthews
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