

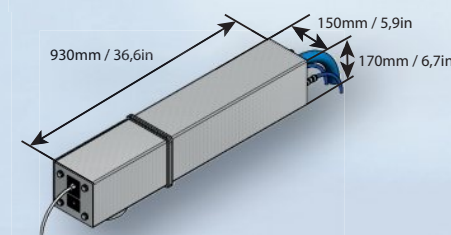
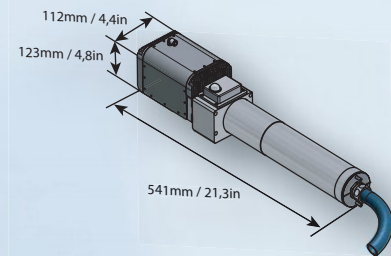
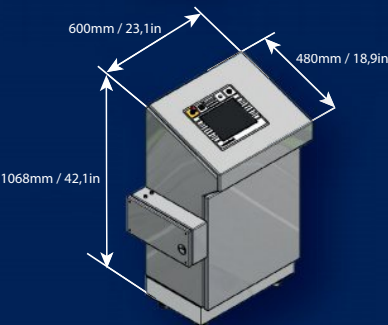
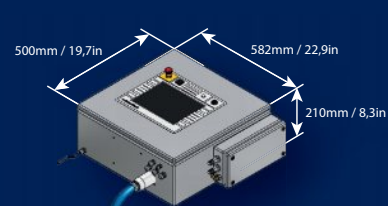
e-SolarMark HD

High Speed Laser coding for the harshest environments!

Technical Specifications

Laser type	Power class 30W to 100W
Marking Field	From 50x50mm / 4x4in / up to 200x200mm / 8x8in /
Fonts	Multilanguage, including Unicode
Software	Job editor for Windows XP, Vista, 7, 8 Web interface for system configuration and control
User Interfaces	Multilanguage touch screen with user friendly, intuitive interface for Preview, Edit & New jobs creation and System setup
Communication	RS232 / USB / Ethernet 10 Base T
Electrical requirements	115V / 230VAC, 50/60HZ, 1PH
I/O signals for installation	Shaft encoder, NPN/PNP Product detector inputs Remote interlock, Key switch, Safety shutter control System ready, Marking, Fault outputs
Cooling	Water cooling, IP65 / NEMA4
Ambient temperature	10-45°C / 50-113°F, Suggested 15-30°C / 69-86°F
Humidity	up to 99%, non-condensing
Safety	class 4, according to EN 60825-1
Weight	Control unit 25kg / 55lb / - 67kg / 148lb / Marking unit 17kg / 37lb / - 58kg / 128lb /

Dimensions



OPTIONAL CONFIGURATION

- straight head laser beam output
- flexible beam delivery system
- remote preventing diagnostics
- conduit length extension

Specifications are subject to change without notice as products are continually improved.
CE and CDRH compliant

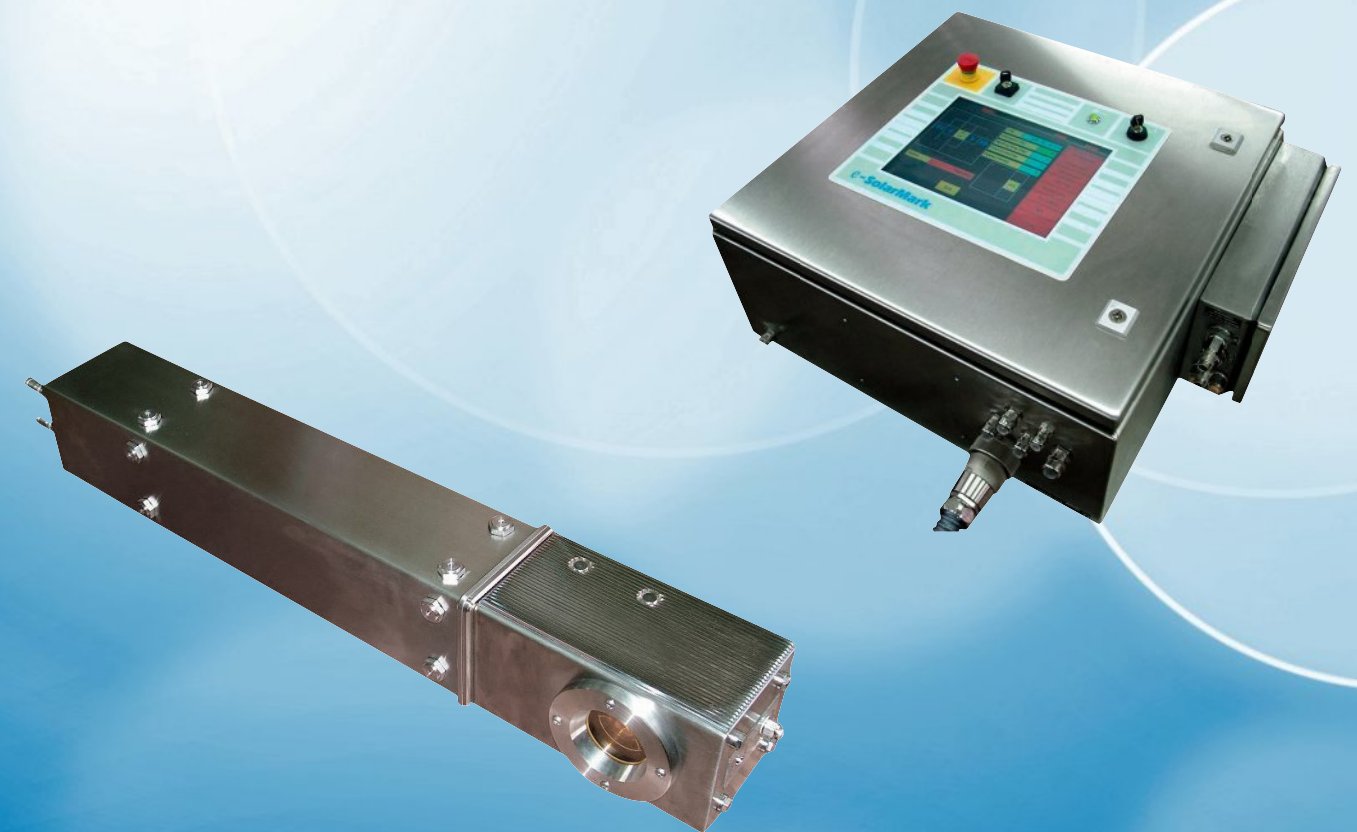


Solaris Laser S.A.
LIA member since 1996



e-SolarMark HD

High Speed Laser coding for the harshest environments!



The complete line of e-SolarMark vector coding systems with IP65 protection

e-SolarMark HD



High Speed Laser coding ...

... for the harshest environments!

e-SolarMark HD High Speed Vector coding systems

It is the solution for creating high speed and high quality, permanent laser codes of alphanumeric texts / dates / timers, serial numbers on the products and packages.

It is an ideal tool for a wide range of materials and production line speeds for beverage and other harsh environment industrial sectors.

Designed and manufactured by Solaris Laser, the industry leader in high quality laser systems for over 20 years.

e-SolarMark HD is designed for the Harshest Environments

The complete system is protected according to IP65/NEMA4 standards, for providing the highest performance and reliability in wet conditions, high temperatures or dusty production line environments.

Easily control the Solaris laser with its new touch screen interface on the production or remotely via PC or PLC.

Multilanguage quick steps software allows easy operator access to preview and edit functions. The intuitive installation wizard allows to fast machine set up.

e-SolarMark HD is Flexible

e-SolarMark HD systems offer choice of configuration to fit into the most demanding production lines. Its compact design makes the system convenient and safe to install.

Range of marking units for installations in confined space: monoblock or with separated scanning head.

Selection of single head or twinhead systems allows multiple printing heads operation under one master control unit.

Choice of laser types helps to optimise the solution for various production line speeds and packaging materials.

e-SolarMark HD offers Great Performance

The e-SolarMark HD is delivered with a very powerful Solaris Laser high speed scanning head technology. Optimised optical parameters and superb software performance, the system is the fastest in its class, being able to code up to 100,000 products per hour of triple line code.



... Paper labels

e-SolarMark HD delivers excellent laser coding solution to code on most typical labels used in the beverage industry. Producing a sharp, clear and permanent code with great visibility the e-SolarMark HD is an ideal solution for the beverage industry.

... Metallic & plastic labels

e-SolarMark HD is the right solution for identification on plastic and metallic labels. Optimised optical configuration allows the system to work at low to high production line speeds.

... Glass & PET bottles

High reliability and performance combined with its compact design and ease of integration, makes the e-SolarMark HD the ideal coding on glass and PET bottles. Whether it is coding single or multiline messages, low or high speed production output, e-SolarMark HD meets the demand of the bottling industry.

NEW!

... Aluminium cans and Steel packages

The e-SolarMark HD system can print directly on pure aluminium and steel packages. It is the ideal solution for beer and soft drink cans and other industrial applications where coding directly on metal surfaces is required.

