

e-SolarMark+

High-speed laser marking and coding systems



The latest generation of well known vector marking and coding

- A high speed and quality solution for permanent laser codes of alphanumeric texts / dates / timers, serial numbers, barcodes, 2D codes and graphics on products and packages.
- An ideal tool for a wide range of materials and production line speeds for packaging and industrial sectors.
- Includes a very powerful Solaris Laser high speed scanning head technology. With optimised optical parameters and superb software performance, the system is the fastest in its class, up to 40% faster than market standards.



Food



Beverage



Tobacco



Cosmetic



Pharmaceutical



Industrial



Easy to run

- The innovative Solaris Laser interface makes it possible to operate the system with new user friendly 15-inch touch screen control panel or remotely from anywhere.
- Multilanguage quick steps software allows easy operator access to preview and edit functions. Intuitive installation wizard helps in fast machine set up.
- System designed for easy implementation into new or existing production lines. Compact size makes the system convenient and safe to install.

Flexible

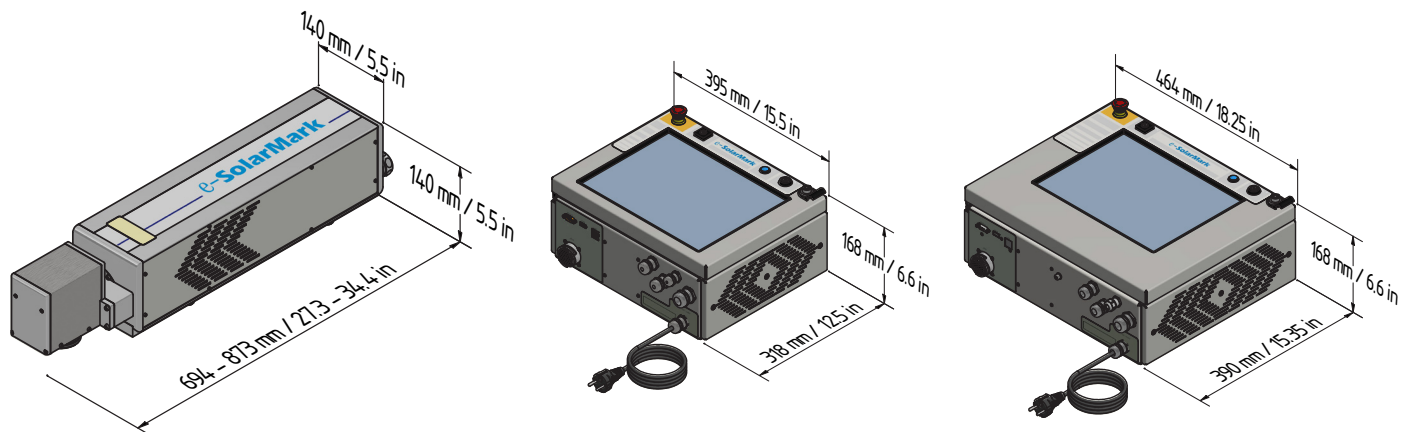
- With a choice of control panel versions, different laser power sources and printing areas, e-SolarMark+ offers the right configuration for various market demands.
- Laser beam delivery systems allows for easy installation on the most limited spaces of production lines.
- I/O signals enables control and diagnose the system remotely, to local production line supervisors or external web servers.
- Multiple printing heads can now be operated under one master control panel.



SOLARIS LASER

a **DOVER** company

e-SolarMark+ specifications



Laser type	CO ₂ , Power class 10W to 55W
Marking field	From 50x50mm /4x4in/ up 300x300 mm (12x12")
Fonts	Multilanguage, including Unicode
Software	Job editor for Windows Web interface for system configuration and control
User interface	Multilanguage 15-inch 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. Fume extractor, Compressed air control. System ready, Marking, Fault outputs. 15 configurable user Inputs & Outputs
Cooling	Integrated air cooling with dust protection
Ambient temperature	10-40 °C / 50-104 °F, Suggested 15-30 °C / 69-86 °F
Humidity	Up to 90%, non-condensing
Safety	Class 4, according to EN 60825-1, Class 4 ready, according to ISO 13849
Weight	Control unit 10kg / 22lb / 14kg / 31lb / Marking unit 15kg / 33lb / 25kg / 55lb /

Optional accessories

- Water cooling
- Straight head laser beam output
- Flexible beam delivery system
- Remote preventive diagnostics
- Conduit length extension
- Red laser print position preview



CE and CDRH
compliant



Solaris Laser Sp. z o.o.
Farbiarska 39, 02-862 Warsaw, Poland
Tel.: +48 22 843 18 03
sales@solarislaser.com.pl
www.solarislaser.com.pl