

# eMark DL by Solaris

An affordable Laser marking/coding system in one compact package



Most inexpensive laser system for permanent marking/coding on plastics and metals, for low and medium production efficiency

Vector quality codes for Stationary and "On-the-Fly" operation

All type marks like alphanumeric texts/dates/timers, serial numbers, barcodes, 2D codes and graphics

Easy integration with production lines due to multiple I/O signals

Simple local and remote control via USB, network and Wifi module

Support of local operation on external PC, with SolMark II laser control program

Hand held control panel, with user-friendly touch screen interface, available optionally

## Laser marking examples:



Laser marking on PC plastic



Laser marking on steel



Laser marking on steel



Laser marking on painted metal



Laser marking on polyamide



Laser marking on painted steel



Laser marking on ceramic



Laser marking on aluminum

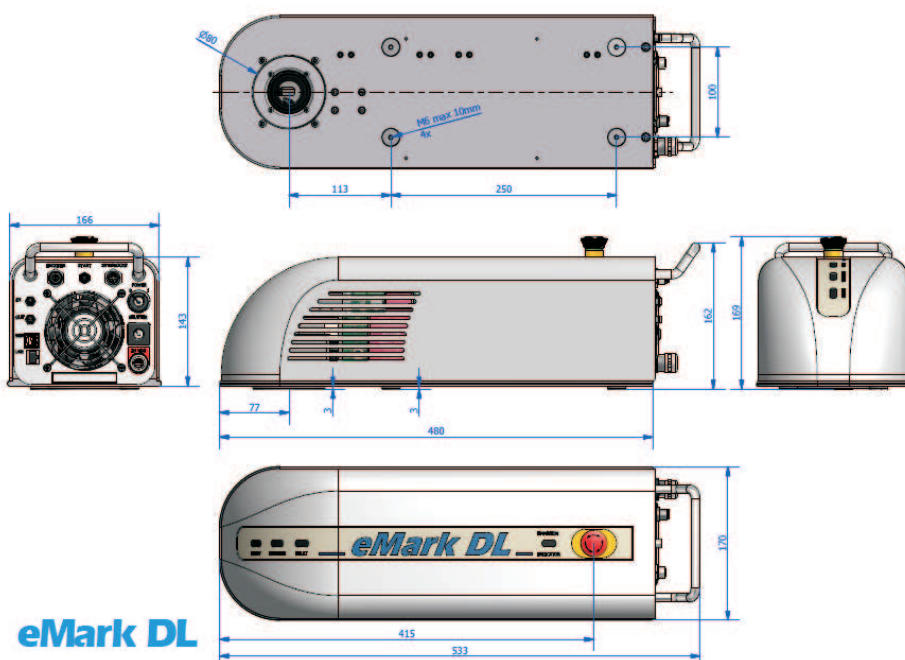
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## Technical Specifications

Laser type	DPSS, average life time > 15 000 working hours
Electrical requirements	24V, 7A
Power consumption	75W average
I/O signals for installation	Shaft encoder Interlock, File selection inputs Product detector inputs: NPN / PNP 24V Sensor System On-line, Marking outputs
Cooling	Air, integrated
Ambient temperature	10-40 °C (50-104 °F), Suggested 15-30 °C (60-86 °F)
Humidity	up to 80%, non-condensing
Enclosure Type	IP 52 / NEMA 12
Weight	15 kg (33 lb.)
Communication	USB / Ethernet 10 Base T
Software	SolMark II job editor for Windows XP, Vista, 7 Multilanguage WWW site / RXC protocol for system configuration and remote control
Safety	class IV, according to EN 60825-1

### Dimensions



### OPTIONAL EQUIPMENT

- Touch screen WYSIWYG hand held terminal
- Fumes / Dust Extractor (with Active carbon filter)
- Shaft Encoder with mechanical holder and wheel
- Product detector
- File selection hand-switch
- Mechanical stand for desk-top operation, with Z-axis table, focusing diodes, protection shield and rotary module
- Safety glasses



Specifications are subject to change without notice as products are continually improved.

CE and CDRH compliant

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Solaris Laser S.A.  
LIA member since 1996