

# laserSYSTEM K-1010 SP / K-1030 SP



- Reliable high-speed marking
- Consistently high marking quality
- Space-saving compact construction
- Beam exit optionally to the front or underside
- Easy to operate
- Can label areas up to 75 x 75 mm
- Marking using up to 4 lines
- Most economically-priced laser in its class



... the leading manufacturer of printing, coding and marking systems

# laserSYSTEM K-1010 SP / K-1030 SP



Operated via:

Pocket terminal



or touchscreen terminal

The K-1010 SP/K-1030 SP laser systems are ideal for product marking with pinpoint-sharp texts at minimal operating costs.

In terms of their design and functionality, these laser systems have been developed for standard applications with a text of up to 4 lines.

At the same time, thanks to their compact construction and the flexible printing head, these systems can be integrated even in the most complicated of production lines.

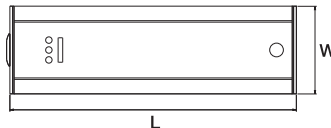
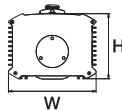
The easy-to-operate devices work on the basis of an extremely fast mirror tracking system using the latest software and hardware, with the result that reliable high-speed marking of a consistently high quality is achieved. The K-1000 SP is also highly adaptable in terms of its working range, given the use of lenses with various focal distances.

The two laser systems, K-1010 SP and K-1030 SP, can mark products when stationary or moving as standard. They offer long-lasting marking on a variety of materials, including paper, cardboard, plastics such as PET, PVC or PP, PA, glass, ceramic, wood and coated and anodized metals.

The reliable system requires only modest maintenance expenditure, and its minimal operating costs are a strong argument in procurement.

## Technical data

Output:	10 Watt/30 Watt											
Electrical connections:	K-1010 SP (10 Watt): 230 V; 50/60 Hz; 1 Phase + N 600 W K-1030 SP (30 Watt): 230 V; 50/60 Hz; 1 Phase + N 1000 W											
Laser head:	laser, control electronics, computer and scanner integrated in the laser, sealed CO <sub>2</sub> laser tube/RF technology K-1000 – 9.3 µm: Wavelength: 9.3 micrometers K-1000 – 10.6 µm: Wavelength: 10.6 micrometers											
Beam exit:	0° or 90° (see picture below)											
Operation:	<ul style="list-style-type: none"> <li>• Pocket terminal with ScanLinux software</li> <li>• Touchscreen terminal with ScanLinux software</li> <li>• Fonts: Crystal Font 7x5, Newpal, Crystal Font 5x5, Newpal 2</li> </ul>											
Software features:	Simple text creation via Pocket terminal or touchscreen terminal, maximum 4-line text, freely selectable font size, various date and time formats, MFF font, dot fonts 7 x 5, 5 x 5, consecutive numbering or text adjustment, variable write speed, intermittent and continuous labeling											
Interfaces:	RS 232											
Cooling system:	integrated air-cooling											
Work environment:	temperature range + 10° to + 41° C, relative air humidity max. 95 % , non-condensing											
Weight:	approx. 15 kg (10 Watt), approx. 28 kg (30 Watt)											
Area for marking:	<table border="0"> <tr> <td>Focal length of lens</td> <td>Working range</td> <td>Point diameter</td> </tr> <tr> <td>95 mm</td> <td>60 x 60 mm</td> <td>&lt; 310 µm</td> </tr> <tr> <td>125 mm</td> <td>75 x 75 mm</td> <td>&lt; 790 µm</td> </tr> </table>	Focal length of lens	Working range	Point diameter	95 mm	60 x 60 mm	< 310 µm	125 mm	75 x 75 mm	< 790 µm		
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125 mm	75 x 75 mm	< 790 µm										
Laser dimensions:	621 x 190 x 140 mm, L x B x H (10 Watt) 656 x 235 x 193 mm, L x B x H (30 Watt)											



Subject to technical changes

Beam exit: 0° or 90°