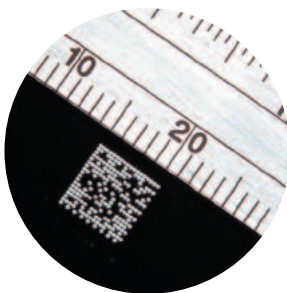


laserSYSTEM K-1010 Plus / K-1030 Plus



- Reliable high-speed marking
- Consistently high marking quality
- Space-saving compact construction
- Beam exit optionally to the front or underside
- Easy to operate
- Full graphic software allows for complex graphics
- Can label areas up to 250 x 250 mm
- Can be networked using an Ethernet interface



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

laserSYSTEM K-1010 Plus / K-1030 Plus



Operated via: Pocket terminal



PC software



or touchscreen terminal

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

Thanks to its compact construction and flexible printing head, this system can be installed 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 Plus is also highly adaptable in terms of its working range, given the use of lenses with various focal distances.

The Ethernet interface allows for maximum flexibility, simple integration into existing networks, and connection to merchandise information systems. Using the Marca software, it is possible to network several K-1000 Plus laser systems and expand the graphics functions.

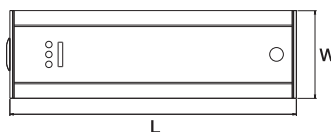
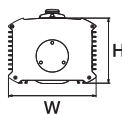
The two laser systems, K-1010 Plus and K-1030 Plus, can mark products when stationary or moving as standard. They offer long-lasting marking on a variety of materials, including paper, cardboard, plastics such as PET, PVC or PP, PA, glass, ceramic, wood and coated and anodized metals.

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 Plus (10 Watt): 230 V; 50/60 Hz; 1 Phase + N 600 W K-1030 Plus (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 ₂ 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"> • Pocket terminal with ScanLinux software • Touchscreen terminal with ScanLinux software • Graphic interface: includes Marca™ software, dongle and Ethernet cable (TCP/IP) • Marca Lite: includes Marca Lite™ software, dongle and Ethernet cable (TCP/IP) 																					
Software features:	Simple text creation via Pocket terminal, touchscreen terminal or Marca PC software with Windows interface (Win 2000/XP), WYSIWYG display, freely selectable font size, various date and time formats, consecutive numbering or text adjustment, bar codes, 2D codes, database printing, logos or graphics can be loaded in IMG or DXF format, MFF font, dot fonts 7 x 5, 5 x 5, true-type fonts, Unicode fonts, variable write speed, intermittent and continuous labeling and a variety of additional software features																					
Interfaces:	RS 232, Ethernet TCP/IP																					
Cooling system:	integrated air-cooling																					
Work environment:	Temperature range +10° to +41° C, relative air humidity max. 95 %, non-condensing pilot laser, 21 CFR Part 11																					
Options:	approx. 15 kg (10 Watt), approx. 28 kg (30 Watt)																					
Weight:																						
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>< 160 µm</td> </tr> <tr> <td>125 mm</td> <td>75 x 75 mm</td> <td>< 220 µm</td> </tr> <tr> <td>200 mm</td> <td>100 x 100 mm</td> <td>< 350 µm</td> </tr> <tr> <td>240 mm</td> <td>150 x 150 mm</td> <td>< 420 µm</td> </tr> <tr> <td>320 mm</td> <td>200 x 200 mm</td> <td>< 560 µm</td> </tr> <tr> <td>410 mm</td> <td>250 x 250 mm</td> <td>< 720 µm</td> </tr> </table>	Focal length of lens	Working range	Point diameter	95 mm	60 x 60 mm	< 160 µm	125 mm	75 x 75 mm	< 220 µm	200 mm	100 x 100 mm	< 350 µm	240 mm	150 x 150 mm	< 420 µm	320 mm	200 x 200 mm	< 560 µm	410 mm	250 x 250 mm	< 720 µm
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Laser dimensions: 621 x 190 x 140 mm, L x W x H (10 Watt)
656 x 235 x 193 mm, L x W x H (30 Watt)



Beam exit: 0° or 90°

Subject to technical changes