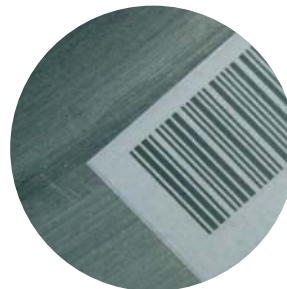


# laserSYSTEM D-5000



- Exceptional quality coding & marking by best beam quality
- Informative and decorative identification meet highest demands
- Beam exit optionally front or underside
- Easy to operate
- Coding area up to 200 x 200 mm
- Can be networked using an Ethernet interface
- Coding of plastics by color switch
- Coding of metal by gravure or tempering



... the leading manufacturer of coding and marking systems

# laserSYSTEM D-5000



Operated via:

Pocket terminal



PC software



or touchscreen terminal

The high performance laser system for industrial coding and decoration on metals and plastics is distinguished by excellent type quality and permanent coding at low operating costs.

The D-5005 / D-5010 / D-5020 proves maximum functionality and availability for the industrial coding of metals and plastics.

Using the Marca PC Software, with the D-5005/D-5010/D-5020 you can meet virtually all requirements from simple markings (text, date, time etc.) and bar-, datamatrix codes to decorative lettering (logos, etc.).

With the D-5005 / D-5010 / D-5020 an Ethernet interface and high-speed marking head are standard equipment. The beam exit can be selected at either 0° and 90°. The D-5005 / D-5010 / D-5020 can be used for static or dynamic marking.

## Technical data

Output:	5 Watt / 10 Watt / 20 Watt		
Connection values:	D-5005 (5 Watt): 230 V; 50 / 60 Hz – 800 Watt D-5010 (10 Watt): 230 V; 50 / 60 Hz – 1000 Watt D-5020 (20 Watt): 230 V; 50 / 60 Hz – 1200 Watt		
Structure:	Laser, scanner and scanner control in laser head, Control electronics and laser pump module integrated in control unit. Electronics for scanner system		
Laser head:	Diode-pumped Nd: YAG laser (DPSS, TEM00), connected with the control unit by means of fibre optics, wavelength 1064 nm, X/Y scanner, red pilot laser		
Radiation emission:	0° or 90°		
Operation:	PC software, pocket terminal, touchscreen terminal		
Software:	Simple text creation via Marca PC software with Windows user interface (2000/XP), WYSIWYG display, free choice of character size, different date and time formats, serial numbering or text adaptation barcodes, 2D codes, database printing, logos or graphics loadable in IMG or DXF format, Unicode, MFF font, Crystal Fonts 7 x 5, 5 x 5, True Type Fonts, variable writing speed, intermittent and continuous printing		
Interfaces:	Ethernet TCP/IP, RS 232		
Cooling system:	integrated air cooling system		
Environment:	Temperature +10° to +40° C, relative air humidity: max. 95 %, non-condensing		
Options:	21 CFR Part 11		
Weight:	D-5005 / D-5010: approx. 70 kg; D-5020: approx. 85 kg		
Coding field:	Focal distance	work area	beam diameter
	110 mm	50 x 50 mm	34 µm
	200 mm	100 x 100 mm	67 µm
	340 mm	150 x 150 mm	101 µm
	440 mm	200 x 200 mm	126 µm

Laser head dimensions: 532 x 190 x 141 (160) mm, L x W x H

Control unit dimensions: 650 x 543 x 297 mm, D x W x H

Subject to technical modification



Beam exit: 0° or 90°