*laser*SYSTEM macsa *L-5005 CP / L-5010 CP*

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 L-5005 CP / L-5010 CP proves that maximum functionality and availability for the industrial coding of metals and plastics by means of YAG laser can be inexpensive. Using the Marca PC Software, with the L-5005 CP / L-5010 CP you can meet virtually all requirements from simple markings (text, date, time etc.) and bar-, datamatrix codes to decorative lettering (truetype fonts, logos, etc.). With the L-5005 CP / L-5010 CP an Ethernet interface and high-speed marking head are standard equipment. The beam exit can be selected at either 0° and 90°. The L-5005 CP / L-5010 CP can be used for static or dynamic marking.

Technical data

Laserhead dimensions:	710 x 182 x 189 mm, L x W x H
Cabinet dimensions:	480 x 680 x 270 mm, D x W x H
Output:	5 Watt / 10 Watt - TEM00
Connection values:	L-5005 CP (5 Watt): 230 V; 50 / 60 Hz – 800 Watt L-5010 CP (10 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), 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 (Win 9x/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, MFF font, dot fonts 7 x 5, 5 x 5, True Type Fonts, variable writing speed, intermittent and continuous printing
Interfaces:	RS 232, Ethernet TCP/IP
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:	Approx. 70 kg

Coding field:

Focal distance of lens	work area	dot diameter
80 mm	60 x 60 mm	57 µm
190 mm	100 x 100 mm	87 µm
240 mm	170 x 170 mm	130 µm
320 mm	200 x 200 mm	163 µm

Subject to technical modifications

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