

REA-Laser ML

The reliable
CO₂ laser marking system

cardboard · wood · metal · plastic

Blau
Rot

Tested:
02.03.2002

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Put high tech into practice

REA-Laser ML

The laser marker **REA-Laser ML** produces sharp, high quality, permanent images on a wide range of substrates including, but not limited to plastic, coated metal, glass, ceramic, rubber and wood. The marking system is capable of creating up to 225 characters per second.

The compact laser marking system **REA-Laser ML** is designed to withstand the harsh environments that are to be found throughout industry today. The sealed CO₂ lasers remains the industry standard for performance, reliability and longevity (up to 45 000 hrs). In addition to the **REA-Laser ML** there is a comprehensive range of accessories and components to help make the integration of the lasers into a system or production process as smooth as possible.

Configuration:

The **REA-Laser ML** is available in two versions. It can be supplied as a "standalone" device, or may be interfaced to a PC. With output configurations of 10 and 25 W the **REA-Laser ML** is ideal for incorporation into marking, engraving and small cutting systems.

A versatile and "Easy to use", set of "MS-Windows-based*", software allows the operator to configure the marking system for various printing tasks. "Standard" facilities include the ability to produce 1D and 2D bar codes, serial printing, and Logos. There is also the facility to allow the operator to create their own customised graphical images if required.

The **REA-Laser ML**, like the other members of the **REA** product family is designed from an understanding of the needs of industry where consistently reliable performance over long periods of time, minimal operator intervention and high quality output are key. It creates a clean, permanent mark.

Technical data

Scan source
10 W / 25 W
CO₂ laser tube

Lense type FL200

Printing area (mm)

110 x 110

Spot size ¹⁾²⁾ (µm)

90

Working

Distance¹⁾ (mm)

201

Depth of field (mm)

± 2,5

Angle of impact, max.

16

Print speed²⁾

600

Positioning

accuracy (mm)

0,03

Minimum

image gap (mm)

0,038

Lense type FL80

Printing area (mm)

27 x 27

Spot size ¹⁾²⁾ (µm)

116

Working

Distance¹⁾ (mm)

81

Depth of field (mm)

± 0,4

Angle of impact, max.

5

Print speed²⁾

600

Positioning

accuracy (mm)

0,01

Minimum

image gap (mm)

0,015

Operating voltage

AC 95-240V

Mains fuse

5 A (250 V)

1) The individual working distance of a lense may vary by ± 10 mm. The exact working distance is therefore indicated on each lense.

2) Based upon a character height of 2 mm. (minimum character height is dependent upon lense).

The specifications may, depending upon the application and the material to be printed, differ from the values mentioned in this leaflet.

* MS-Windows is Trade mark of Microsoft Corporation

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10.2003

Art.Nr.: 99050299