Macsa id®
a code you can trust

The most complete laser range for the **BEVERAGE** industry

Most probably you suffer, at least, some of the following headaches when fitting coding systems to your beverage lines:

- High cost of ownership
  - Consumables
  - Downtime cost (i.e. value of lost production)
  - Complex start-up and shut-down
  - Service requirements
  - High need for preventative maintenance
- Very fast speed requirements
- Harsh environments
  - Humidity
  - Condensation
  - High temperatures
- Non-permanent codes
- Environmentally unfriendly printing systems
  - Waste disposal
  - Solvent emissions
  - Mess

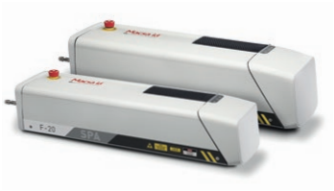
The new and innovative generation of Macsa ID lasers, the widest range on the market, offers the best solution for each application in the most demanding production conditions, thanks to our experience and technological leadership in laser coding and marking.

ICON2

The Icon2 is available in 10W and 30W, it is clean, easy to use, consumable-free and ideal for low and medium speed applications: paper, PET, board, metallized board, glass, coated metals, etc.

K-Series

The K-1000 Series is a complete CO2 laser range, ideal for medium/high speed applications, and it is able to print onto extremely fast production lines (over 150.000 parts/h)



SPA C

The SPA C is a modular laser specialized in adverse and versatile production environments to code over a wide range of materials.

SPA CIP 10W & 30W

The SPA CIP provides the maximum reliability in wash down and other wet and dusty environments. The SPA CIP 10W and 30W are IP65

MATERIAL		TECHNOLOGY						
Family	Substrate	ICON + K + SPA C + SPA CIP			SPA F	D 5000	D 5000 Green	D 5000 UV
	wavelength	10.6 µm	10.2 µm	9.3 µm	1064nm	1064nm	537nm	355nm
Wood, Paper and Board	Paper	●				●	●	●
	Board	●				●	●	●
	Metallised Board	●				●	●	●
Glass	Glass	●				●	●	●
Ceramics	Ceramic	●				●	●	●
Plastics	Polypropylene (PP)	●				●	●	●
	Low density polyethylene (LDPE)	●				●	●	●
	High density polyethylene (HDPE)	●				●	●	●
	Polyethylene terephthalate (PET)	●				●	●	●
Plastic films and foils	Aluminized Foil	●			●	●	●	●
	Polyethylene terephthalate (PET)	●			●	●	●	●
Metals	Coated metal	●			●	●	●	●
	Anodized aluminium	●			●	●	●	●
	Aluminium	●			●	●	●	●

● Excellent Reaction ● Good Reaction ● Poor Reaction

SPA CIP 125W

SPA CIP 125W is IP66, so even more protected from water jets in all directions and dusty in really harsh environments.

SPA F

SPA F is a very reliable laser in tough environments, specialized in coding over metals and also a wide of plastics.

D-5000 DUO GREEN

Green lasers are ideal for coding a variety of plastics caps and containers, even at a very high line speeds, because the green wavelength generated by this laser couples very well with many plastic materials. The Green PS version achieves even better results.

D-5000 DUO UV

UV lasers are ideal for coding more complex plastics caps, containers and thermoformed materials, because its absorption rate on many plastics is even higher than Green lasers, resulting in higher contrast and higher resolution codes.

CODING, TRACING AND MARKING SOLUTIONS

Macsa id
a code you can trust

T. 93 873 87 98
macsa@macsa.com
www.macsa.com

Macsa ID Headquarters
P.I. Pla de Santa Anna
08272 Sant Fruitós de Bages
(Barcelona)
Tel: +34 938 738 798
Spain

Macsa ID UK
13d Old Bridge Way
Shefford
Bedfordshire
SG175HQ
+44 (0)1462 816091
UK

Macsa ID Portugal
Rua Eng. Frederico Ulrich n. 2650.
4470 - 605 Moreira Maia
Tel: +351 229962204
Portugal

Macsa ID Malaysia
E-8-03, The Gamuda Biz Suites
No.12, Jalan Anggerik Vanilla 31/99,
Kota Kemuning,
40460 Shah Alam
Selangor
Malaysia

Macsa Coding Technology (Shenzhen) Co, Ltd
East side of 2/F, 7 Building
Lijincheng Technology Industry Park
Jihua Road
Longhua Street, Longhua District
518100 Shenzhen
Tel: +86 0755-23611591
China