

# THERMAL CODING AUSTRALIA

Specialists in Laser Coding and Marking

Going Green

## YOUR CHANCE TO CHANGE



CLEAN. FAST. AFFORDABLE.



**iCON** by **MACSA**



# ICON LASER PROVIDES CODING SOLUTIONS FOR ALL MARKETS



## For the cosmetic industry

Discreet, accurate and high quality codes are available with iCON. Perfect marks for those who are beautifully groomed!



## For the beverage industry

From water to wine, from spirits to beer and soft drinks, all can be coded using iCON. Whether you code on PET, glass, paper label or cardboard, iCON can do the job.



## For the pharmaceutical industry

iCON offers the highest quality codes in blisters, plastic bottles, labels, tubes, cartons and cases; providing the right solutions to comply with the pharmaceutical standards.



## For the food industry

iCON laser is designed to print clear and permanent codes in a wide variety of food products, from snack foods to dairy, fresh food to frozen, and single-serve to food service packs, shift after shift.

## Become an **iCON** and make the **ECO** change



### Easy to use

**Anyone can use iCON.** There is an integrated colour touch screen and the interface is intuitive with context sensitive menus which make it easy to navigate. New users learn quickly.



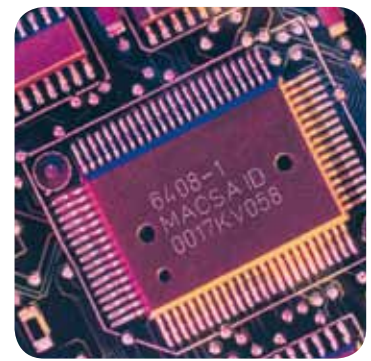
### Compact and versatile

**iCON will go anywhere.** It is small and compact so it can be installed in the most difficult locations. And because it is a laser it can code onto both stationary and moving products. An external controller can be connected if necessary.



### No consumables

**iCON does not use ink.** This means very low costs: no consumables budget and no ink system to maintain.



### Permanent quality marking

**No surprises.** An iCON print is a permanent print which will last for the lifetime of your product. And it is consistently high quality not dotted like an inkjet; moreover it works with most substrates from labels and cartons through a range of plastics to glass, wood and textiles.

## Frontal View

### TOUCH SCREEN INTERFACE

New user-friendly interface with an integrated 14cm high-resolution colour touch screen. Windows CE based context sensitive menus to input and edit messages and to set laser parameters.



### EMERGENCY STOP

Quick and easy access to emergency stop button in compliance with laser safety regulations.

### LED STATUS INDICATOR

Three colour LED to indicate laser status.

**Green:** laser ready to print.

**Blue:** laser printing.

**Red:** alarm; laser unable to print.

# iCON by MACSA

# Made of good ideas

### INTERFACE PANEL

Multiple connections including power supply, photocell, shaft encoder, remote input/output and external controller.



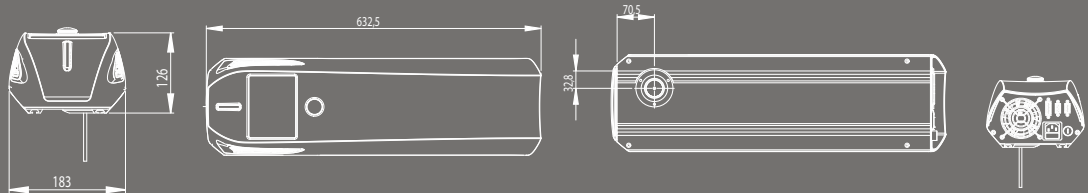
### AIR FILTERS

Innovative air-filter design. Easy replacement without need to access laser. Efficient operation in difficult environments.

## Lateral view

# iCON i-1010

iCON



<b>LASER POWER</b>				10W
<b>WAVE LENGTH</b>				10.6µm
<b>MODEL</b>				ICON i-1010
<b>MAIN SUPPLY</b>				115V / 230V 50/60 Hz ( 1 Phase + N ) 300VA
<b>DIMENSIONS</b>				632.5mm x 126.15mm x 183mm
<b>WEIGHT</b>				Net weight: 10 Kg Gross weight: 12 Kg
<b>SYSTEM CABINET</b>				Laser, Scanners, Power Supply, Control Electronics and Computer built into the laser system
<b>FOCAL SPECIFICATIONS</b>	<b>Working Distance</b>	<b>Focal Distance</b>	<b>Marking Area</b>	<b>Beam Diameter</b>
	95mm	100mm	30x30mm	<360µ - S
	µm: microns		S:Standard	O: Optional
<b>SOFTWARE</b>	SCANLINUX from V4.2.5 and higher			
<b>USER INTERFACE</b>	Touch Screen			
<b>CONTROL</b>	Touch Screen with ScanLinux software			
<b>MARKING HEAD</b>	CO <sub>2</sub> Sealed laser tube R.F. technology Wave length: 10.6 microns			
<b>ACCESSORIES</b>	Encoder kit - Floor stand - Photocell kit - External Touch Screen - Safety protection Lens protection - Alarm kit - Fume extractor			

**ENVIORNMENTAL CONDITIONS**

10° C (50° F) to 40° C (104° F) external temperature  
Humidity <95% non-condensing  
No vibrations

**Thermal Coding Australia Pty Ltd**  
Unit 6, 9 Ladbroke Street  
Milperra NSW Australia  
Phone +61 2 9772 1422  
Fax +61 2 9772 1322  
[www.thermalcoding.com.au](http://www.thermalcoding.com.au)

Sales & Service in QLD/VIC by:  
**National Coding Technologies Pty Ltd**  
07 3201 2640  
[www.nationalcoding.com.au](http://www.nationalcoding.com.au)

Sales & Service in SA/NT by:  
**CodeMark Australia Pty Ltd**  
08 8391 5933  
[www.codemark.com.au](http://www.codemark.com.au)



**Ecological**

**No unwanted ink deposits and no solvent emissions.**  
iCON enables you to keep your environment clean and minimise your carbon footprint.



Laser Sales and Service throughout Australia and New Zealand