

CO2 Laser

Outstanding value for money

IZI-CODE CO2 Laser Marking and Coding Systems provide maximum value for price.

Unrivalled Uptime

Our CO2 Laser Marking and Coding System is designed with the most reliable components to ensure a long-lasting and efficient performance.



IZI-CODE CO2 LASER SERIES

The IZI-CODE CO2 laser systems are versatile printers; they are also incredibly fast and efficient, capable of printing on a wide range of materials. The advanced laser technology ensures that prints are sharp, precise, and long-lasting, making IZI-CODE CO2 systems perfect for printing product labels, barcodes, and other important traceability information.

Our system deliver print quality, permanent, precise, and crisp codes that are consistent every time, ensuring your products are traceable and identifiable for years to come.



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Setting up our CO2 Laser Marking and Coding Systems on your production line is IZI. The systems feature an intuitive color touchscreen interface that requires minimal training. The systems provides the widest range of languages, making it the obvious choice for small, medium and large businesses worldwide.

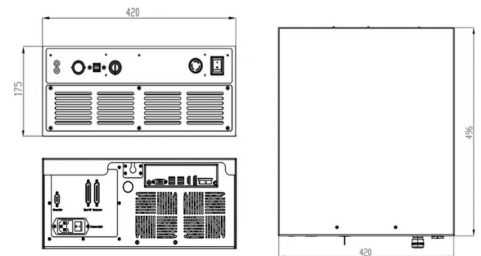
Safety is a top priority: IZI-CODE CO2 Laser Marking and Coding Systems are designed to meet international safety regulations.



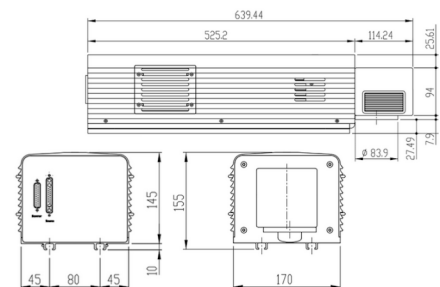
IZI-CODE leverages more than 30 years of experience to design marking and coding systems that meet even the most ambitious specifications. Our team has carefully selected the most talented partners worldwide to manufacture and assemble our products.

Drawings

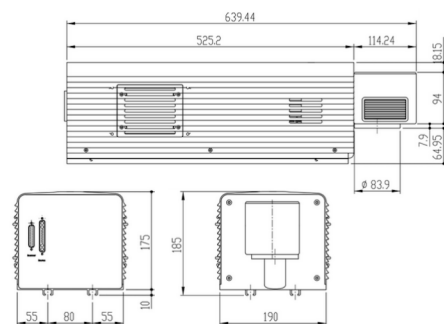
Controller



Scan Head 10W



Scan Head 30W



		CO2 LASER	
Printer model		C210	C230
Laser source type - Class - Wavelengths		CO2 laser - Class 4 - $\lambda = 10.6 \mu\text{m} - 9.3 \mu\text{m} - 10.2 \mu\text{m}$ - Continuous wave	
Average output power		10W	30W
Pulse repetition rate, Pulse width		0 ~ 25 kHz	0~100 kHz
Cooling		Air cooled	
		Scanner	
Scanner heads	Standard	Marking = 2m/s, Positioning = 15m/s	
	Advanced	Marking = 3m/s, Positioning = 23m/s	
Marking windows (mm) - (x6)		50 x 50, 70 x 70, 110 x 110, 175 x 175, 210 x 210, 300 x 300	
		Controller, Connectivity, I/O	
Main controller platform / Software		Windows 10 / EZCAD2	
Languages		English, French, Korean, Portuguese, Spanish, etc...	
I/O		VGA user Interface terminal, Encoder, Photocell Interlock, other I/O (alarms, start, etc...)	
Communication		USB, Ethernet, TCP/IP, RS232	
		Printing Features	
Fonts		Windows® TrueType®, Single line, Dot Matrix Fonts	
Drawing software		Logos, Symbols, Linear, circular, angular, etc...	
Graphics file formats		bmp, jpg, .gif .tga .png .tif...	Vector: ai, dxf, dst, plt...
Industrial codes	1D Codes	Code 39, code 128, EAN, UPC, etc...	
	2D Codes	Datamatrix, QRcode, Micro QRcode,...	
Variable data Database		Automatic date, shift & time coding, real time clock, counters Excel datasheet	
		Mechanical Integration	
Beam orientation / Controller to head distance		0°, 90° / < 3 m; option < 3.5 m	
Guide beam, focus guide		Aiming beam (red diode), Focus guide	
		Operating conditions	
Temperature / Humidity / Vibration		15 ~ 40°C / 10 ~ 80% non condensing / no vibration	
		Mechanical and Electrical	
Weight	Controller	15 kg	
	Laser head	12.8 kg	16.4 kg
Main power supply	100~240VAC, 50/60 Hz	2.95 A	4.55 A
Safety labels		CE, FCC, KC, NRTL	

CONTACT US

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