

Fiber Laser

Outstanding value for money

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

Unrivalled Uptime

Our Fiber Laser Marking and Coding Systems are designed with the most reliable components to ensure a long-lasting and efficient performance.



IZI-CODE Fiber Laser SERIES

The IZI-CODE Fiber laser systems are sustainable maintenance-free printers capable of printing on a variety of materials.

The printed codes are clear, precise and permanent, making IZI-CODE Fiber Laser Series the ideal marking & coding solution for industry sectors such as industrial, food, and pharmaceutical.

Our systems deliver consistent codes every time, ensuring your products are traceable and identifiable for years to come.

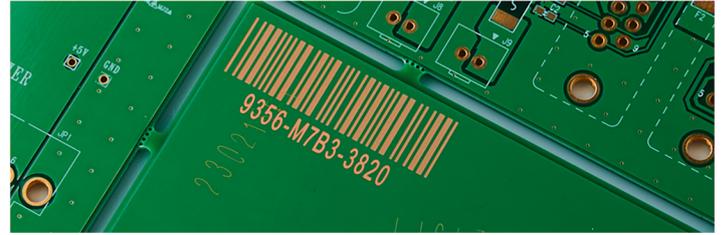


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IZI-CODE

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

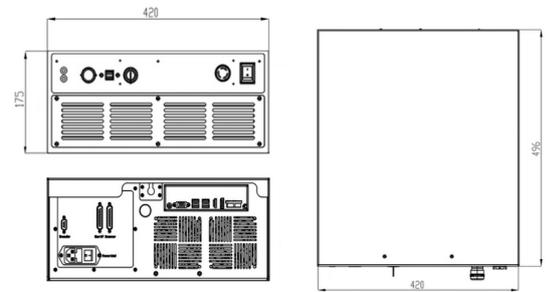
Safety is a top priority: IZI-CODE Fiber Laser Marking and Coding Systems are designed to meet international safety regulations.



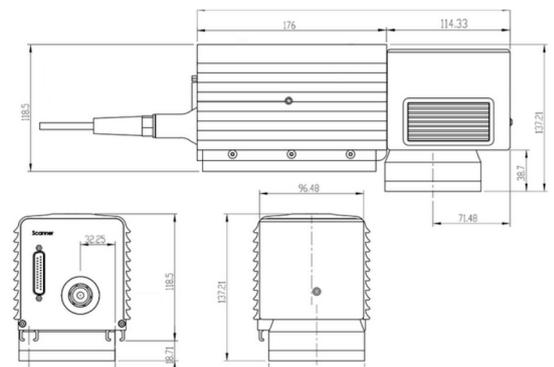
IZI-CODE leverages more than 30 years of experience to design marking and coding systems that meet even the most ambitious specifications. Our team has carefully selected the most talented partners worldwide to manufacture and assemble our products.

Drawings

Controller



Scan Head 20W - 30W



		FIBER LASER RANGE			
Printer model		F220	F230	M220	M230
Laser source type - Class - wavelength		Yb fiber laser, pulsed - Class 4 - $\lambda = 1,064$ nm			
Average output power		20W	30W	20W	30W
Pulse repetition rate, Pulse width		1~600khz, 200 ns		1~4,000 khz, 2 ~ 500 ns	
Cooling		Air cooled			
		Scanner			
Scanner heads	Standard	Marking = 2m/s, Positioning = 15m/s			
	Advanced	Marking = 3m/s, Positioning = 23m/s			
Marking windows (mm) - (x6)		70 x 70, 112 x 112, 174 x 174, 220 x 220, 300 x 300, 330 x 330			
		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, ...			
	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		0 ~ 40°C / HR: 10 ~ 80% non condensing / no vibration			
		Mechanical and Electrical			
Weight	Head	5.5 kg			
	Controller	20 kg			
Main power supply		100-240VAC, 50/60Hz, 2.95A			
Safety labels		CE, FCC, KC, NRTL			

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