

CO₂ Laser Marking System

Smart Laser Technology



We Make it Easy

INFINI CO₂ Series

To meet the needs of diverse global industries, we provide accurate and consistent high-quality marking solutions with high reliability and excellent productivity.



Safety

We strictly comply with safety regulations and have obtained CE (Europe), FCC (USA), KC (Domestic), and NRTL (USA) certifications by meeting electronic device safety and electromagnetic compatibility test standards.



Economic

We respect the coexistence of the environment, plants, animals, and people for sustainable development. We do not use hazardous chemicals, and we have reduced the use of unnecessary consumables by making it possible to maintain the equipment with only simple filter replacement and lens cleaning.

Texture

PE



Metal



Silicon



Leather



Applicable industry

Office Supplies



Food•Package Crafts



Household goods



INFINI CO₂ Series

C210 and C230

Durability and component upgrades

The SUS material case is lightweight and strong, and can prevent damage to components even from strong external impacts. It also features an industrial-grade small ITX PC for quick software control.

Practical design

The compressed aluminum case with a curved shape provides excellent heat dissipation and prevents water droplets from entering the interior.

Status LED

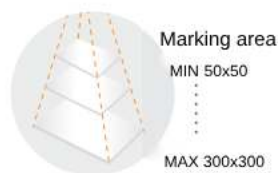
Added Ready / Error LED to check product status at a glance.

Semi-permanent filter

The stainless steel filter on the front of the controller is easy to remove and clean, making it easy to maintain the product.

Precise marking

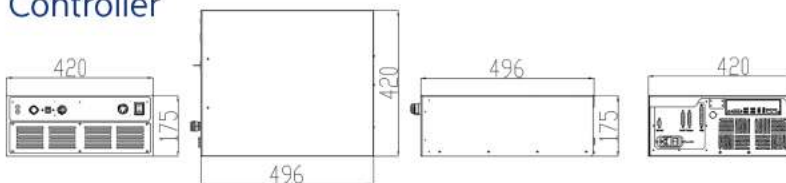
Equipped with a high-spec scanner, it maintains excellent quality even during long-term marking.



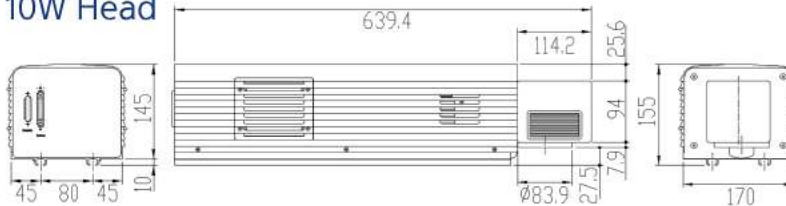
Specification

Model No		CO ₂ Laser(Class 4)	
		C210	C230
Average output power		10W	30W
Main power supply		100~240VAC, 50/60Hz, 2.95A	100~120VAC/ 200~240VAC, 50/60Hz, 4.55A
Wavelength	Standard	$\lambda = 10.6\mu\text{m}$	
	Option	-	$\lambda = 9.3\mu\text{m}(20\text{W})$ $\lambda = 10.2\mu\text{m}(25\text{W})$
Scanner	Standard	2m/s	
	Option	3m/s	
Lens	Standard	110x110mm	
	Option	50x50, 70x70, 175x175, 210x210, 300x300mm	
Environmental condition	Temperature	15°C ~ 40°	
	Humidity	10 ~ 80%	
Weight	Head	12.8kg	16.4kg
	Controller	15kg	
Size	Head	639x170x155mm	639x190x185mm
	Controller	420x496x175mm	
Interface		User I/O, Encoder, Sensor	
Certification		CE, FCC, KC, NRTL	

Controller



10W Head



30W Head

