



U Series UV Laser Marker

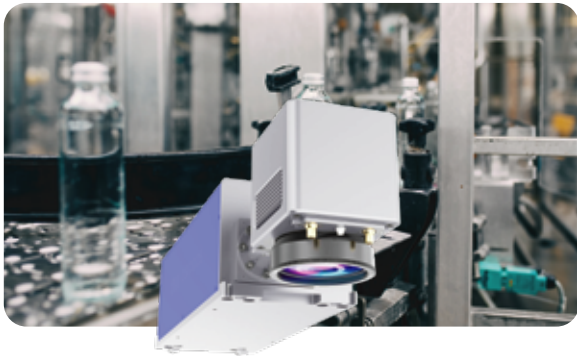
Cold light source, less damage to the surface of the material
Wide range, permanent traceability marking solution

CE Laser product complies with CE standard



QBODE UV Lasers

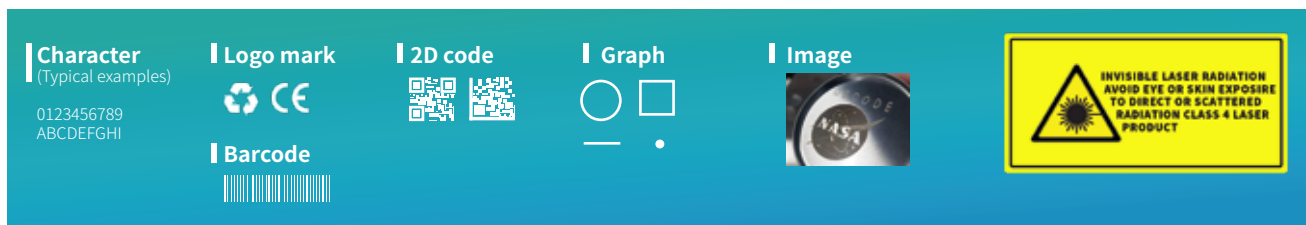
U0310, U0510



Mark more, Cost less

UV laser has a small spot, narrow pulse width, multiple wavelengths, fast speed, good penetration, less heat, large output energy, high peak power and material absorption, etc., which belongs to the cold light source, but also known as the "cold processing", can be absorbed by the material is better, less damage to the material.

Print Capabilities



Product Features

● Uptime Advantage

- Zero consumables and maintenance cost to replace during day-to-day operation keeps lines running longer
- Maximum printer availability with air-cooled laser source that virtually eliminates unscheduled downtime
- No daily mechanical maintenance procedures help increase uptime

● Code Assurance

- Permanent codes help ensure complete product lifetime traceability and anti-counterfeiting
- High contrast color change for top grade vision readability on white HDPE/LDPE packaging
- Better printing effect with less power for different material surfaces, reliable and safe

Built for Productivity

- The marking speed is up to 200 m/min (numbers and letters with a single line of 2MM character height)
- Engraving speed up to ≤ 10000 mm/s for high speed marking demand
- Mark quality, vision readable 2D codes more clear and faster

Product Parameter

PRODUCT TYPE		UV LASER PRINTER	
MODEL		U0310	U0510
ITEM			
Laser Marking Parameter	Machine material	Aluminum	
	Laser Type	UV laser generator	
	Output power	3W	5W
	Laser wave length	355 nm	
	Pulse frequency	20-200 kHz	
	Marking speed	≤10000mm/s	
	Main control system	10.6inch controller, flight coding system	
	Cooling system	Water-cooled	
	Exit beam diameter	0.7±0.1 mm	
	Output power stability	3%	
	Minimum line width	0.1mm	
	Minimum character height	0.15mm	
	Repeatability accuracy	±0.002	
	Working area	100~300mm (Optional)	
	Environment requirement	0~40°, 30% RH 85%	
	Power	220V / 50Hz (110V enable)	
	Power Consumption	500W	
Other	Package dimension	Main body: 850X510X280mm Water Cooler: 680X430X570mm Stand: 1350X350X280mm	
	Gross weight	89KG	

Industry Application



Food and Beverage



Pharmaceuticals



Cosmetics, Personal & HomeCare



Electronics Parts and PCB

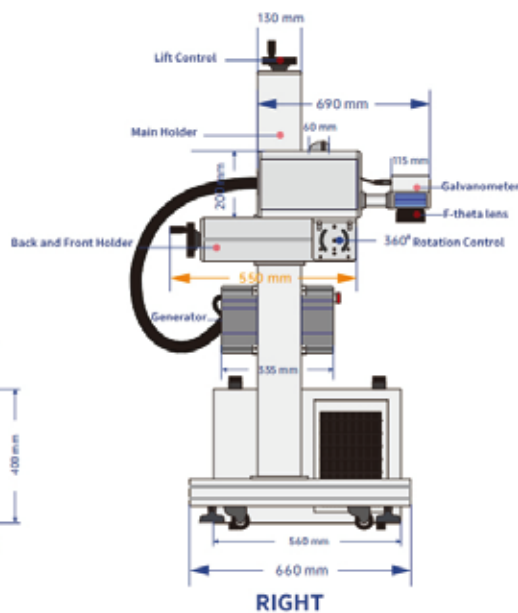
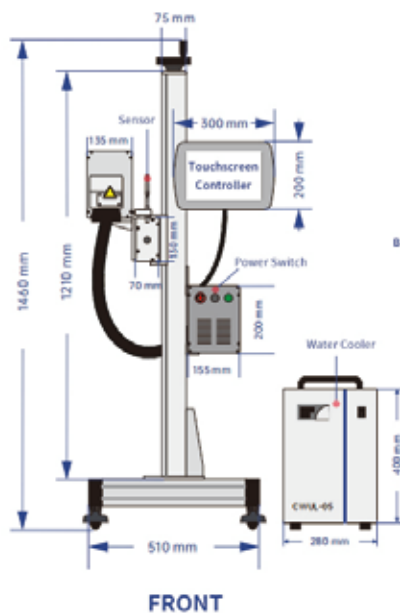


Clothing accessories



Chemical and Building Materials

Product Dimension





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