

CO2 Laser Marking Machines

CO2 Laser Marker

For OEM users or laser integrators or the end users for the production line, we can provide OEM laser markers at more attractive prices. The OEM laser marker consists of 2 parts: a laser head with marking head and a control box. In most cases, the marking card may be integrated into the control box. A chiller may be needed depending on the CO2 lasers used.



Benchtop CO2 Laser Marker

The above pictures are for reference only and the actual dimension, weight and colour may be difference and please contact us to confirm the details.

Specifications:

Laser wavelength	10.6um
Laser power	10W/30W/50W.....
Mark linewidth	0.15mm
Marking field (mm)	50x50, 105x105, 140x140, 175x175,250x250.....
Marking speed	<5m/sec
Weight & dimension	Depending on the configurations, laser power
Electric	200VAC, 50/60Hz

Remarks: 1) various brands of CO2 lasers available according to customers' applications and request.
 2) other laser power levels and marking fields available upon request.
 3) custom-design and -making available.

Typical Applications:

1. Laser marking of non-metal materials and products: acrylic, ceramics, plastics, polycarbonate, organics, wood, thermo-elastomer rubbers, paper, button.
2. Electronic industry: capacitor, inductor, PCB, IC, connector, control panel, instrument.
3. Others: button, cosmetics, food package, bottle, gift, advertisement & sign crafts, craft & gift making.

Other CO2 lasers & customised laser marking systems available upon request.



Flying CO2 Laser Marker

A flying CO2 laser marker consists a CO2 laser marker, automatic feeder (conveyor) and relevant support. It integrates laser technology, accurate mechanism, electronic technology and computing science. In general, a CO2 laser is used and also an optical galvanometer scanner (marking head) is used to scan the laser beam.

The flying marker is widely used in electronic, medical, tobacco, package, byproduct industries. It is used for marking and encoding in costume accessories, food and drink packaging, leather, rubber, crafts, textiles, electronic parts, name plates, construction ceramic, pharmaceutical etc.

Main technical specifications:

Laser wavelength: 10.6um (others available upon request)

Laser power: 30W or 50W (others available upon request)

Marking field of marking head: 100x100mm (others available upon request)

Maximum flying speed: 28m/min (others available upon request)

