ON-THE-FLY UV LASER CODER

INTRODUCTION

The UV laser coding machine is suitable for marking text, numbers, graphics, date codes and QR codes onto materials like plastic, paper, composite films, labels, glass, metal and so on. It is often used together with the packaging machines or integrated into the assembly lines, without any consumables.

It supports both static coding and on-the-fly marking. The flying UV laser coding machine is typically used to print date codes, batch numbers, serial numbers etc., on products, or as a QR code laser coding machine to print QR codes on products or product packaging.

FEATURES

1. 8-inch touch screen controller, touch-sensitive, easy to operate.
2. Supports sensor trigger mode (sensor head) and external I/O trigger mode (other device signals).
3. Built-in red light indicator preview component to preview and display the coding content.
4. Floor-standing mobile bracket supports front and rear adjustment (coding position adjustment) and up and down adjustment (working distance adjustment)

TECHNICAL SPECIFICATIONS

Laser Power	3W @30KHz / 5W @30KHz
Laser Wavelength	355nm
Frequency	20-150 KHz
Marking Speed	< 6000mm/s
Marking Area	70mm×70mm-300mm×300mm
Touch screen size	8 inches
Code Type	texts, digits, date codes, lot number, bar codes, QR codes, graphics etc
Communication	TCP/IP、 RS232、 Modbus-RTU / TCP
Cooling Method	Water Cooled
Electrical Requirements	110V/220V 50Hz
Power consumption	800W
Size And Weight	
Laser Unit	515mm×152mm×148.3mm 7.5Kg
Control Unit	345mm×160mm×260mm 6.2Kg
Chiller	345mm×248mm×215mm 10.5Kg
Bracket	656mm×550mm×1455.8mm

FIELD LENS PARAMETER

Lens Model	Marking Area(mm*mm)	Work Distance(mm)
355-100-70	70mm×70mm	135mm
355-130-90	90mm×90mm	165mm
355-160-110	110mm×110mm	218mm
355-208-130	130mm×130mm	256mm
355-210-150	150mm×150mm	255mm
355-254-175	175mm×175mm	305mm
355-290-200	200mm×200mm	350mm
355-330-220	220mm×220mm	400mm
355-380-250	250mm×250mm	435mm
355-420-300	300mm×300mm	570mm

Notes: Special requirements for work distance and marking area can be customized.

APPLICATIONS AND SAMPLES

Applicable to most plastics,leather, glasses, ceramics, jade,crystal, and metallic coatings.