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
External Port	USB
Cooling Method	Water Cooled
Electrical Requirements	110V/220V 50Hz
Power consumption	800W
Size And Weight	
Laser Unit	650mm×160mm×150mm 7.5Kg
Control Unit	345mm×160mm×260mm 6.2Kg
Chiller	580mm×290mm×520mm 21Kg
Bracket	656mm×550mm×1455.8mm

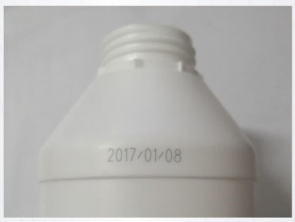
FIELD LENS PARAMETER

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.

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INTRODUCTION

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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

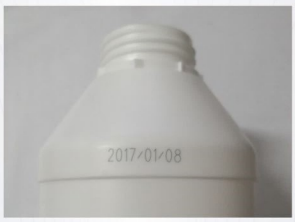
FIELD LENS PARAMETER

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.




ON-THE-FLY CO2 LASER CODER

INTRODUCTION

The CO2 laser coding machine is suitable for laser coding of text, numbers, graphics, date codes, QR codes and other contents onto corrugated paper, flexible film, foil, labels, glass, plastic, PET, rubber, wood and other materials. The laser coding machine can be used together with packaging machines or be integrated into assembly lines, without any consumables.

It supports static coding and on-the-fly marking. The flying CO2 Laser coding machine is usually used to print date of production, batch numbers, serial numbers, etc.

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	35W
Laser Wavelength	10600nm
Marking Speed	< 6000mm/s
Marking Area	70mm×70mm-300mm×300mm
Touch screen size	8 inches
Code Type	texts, digits, lot number, date codes, bar codes, QR codes, graphics etc
Communication	TCP/IP、 RS232、 Modbus-RTU / TCP
Cooling Method	Air cooled
Electrical Requirements	110V/220V 50Hz
Power consumption	750W
Size And Weight	
Laser Unit	650mm×160mm×150mm
Control Unit	345mm×160mm×260mm
Bracket	656mm×550mm×1455.8mm

FIELD LENS PARAMETER

Lens Model	Marking Area(mm*mm)	Work Distance(mm)
10.6-100-70	70mm×70mm	85mm
10.6-130-90	90mm×90mm	122mm
10.6-150-110	110mm×110mm	142mm
10.6-200-140	140mm×140mm	192mm
10.6-250-175	175mm×175mm	242mm
10.6-300-210	210mm×210mm	298mm
10.6-350-250	250mm×250mm	344mm
10.6-420-300	300mm×300mm	415mm

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

APPLICATIONS AND SAMPLES

Applicable to non-metallic materials such as ABS, PVC, Acrylic, glasses, wood, paper,leather, jade, plastic bags, packaging cartons.

ON-THE-FLY FIBER LASER CODER

INTRODUCTION

Fiber laser coding machine is suitable for laser coding of text, numbers, graphics, QR codes and other contents onto hard plastic boxes, metals and other materials. The laser coding machine can be used together with packaging machines or be integrated into assembly lines, without any consumables.

It supports both static coding and on-the-fly marking. The flying CO2 laser coding machine is usually used to print date codes, batch numbers, serial numbers, etc.

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	30W
Laser Wavelength	1064nm
Marking Speed	< 6000mm/s
Marking Area	70mm×70mm-300mm×300mm
Touch screen size	8 inches
Code Type	texts, digits, batch number, lot number, bar code, QR code, graphics etc
Communication	USB
Cooling Method	Air cooled
Electrical Requirements	110V/220V 50Hz
Power consumption	400W
Size And Weight	
Laser Unit	426mm×102mm×110.5mm
Control Unit	527mm×200mm×352mm
Bracket	656mm×550mm×1455.8mm

FIELD LENS PARAMETER

Lens Model	Marking Area(mm*mm)	Work Distance(mm)
1064-100-70	70mm×70mm	115mm
1064-130-90	90mm×90mm	135mm
1064-163-110-10L	110mm×110mm	165mm
1064-210-150-10L	150mm×150mm	215mm
1064-254-175-10L	175mm×175mm	255mm
1064-290-200-10L	200mm×200mm	280mm
1064-330-220-10L	220mm×220mm	322mm
1064-380-250	250mm×250mm	380mm
1064-420-300-10L	300mm×300mm	400mm

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

APPLICATIONS AND SAMPLES

Applicable to metallic materials, such as gold, silver,copper,titanium, steel, also applicable to some non-metallic materials such as ABS, Nylon,PES, PVC, PC.