AJAX FIBER LASER MARKING MACHINE

AJAX-20GS-A/B/C   AJAX-30GS-A/B/C   AJAX-50GS-A/B/C

Laser source:
Raycus JPT MAX IPG
(optional)

Galvometer:
SINOGALVO Scan-lab

Lens:
Jollystar Wave-length

Fiber Laser Series Technical Specifications

	AJAX-20GS-A/B/C	AJAX-30GS-A/B/C	AJAX-50GS-A/B/C
Marking Area	110×110mm(4.3×4.3in) 150×150mm(5.9×5.9in) 175×175mm (6.9×6.9in)	Optional	
Maximum Material Thickness	20-100KHZ@RAYCUS 1-600KHZ@JPT		
Laser Type	RAYCUS/IPG/JPT Optional		
Repetition Rate (Frequency)	20-100KHZ@RAYCUS 1-600KHZ@JPT		
Output power adjustment range	10%-100%		
Marking Speed	≤7m/s(275.6in/s)	≤7m/s(275.6in/s)	≤7m/s(275.6in/s)
Engraving Depth	≤0.2mm(0.008in)	≤0.4mm(0.016in)	≤1mm(0.024in)
Minimum Line Width	0.01mm(0.0004in)	Depends on the material	
Minimum Character	0.2mm(0.008in)	Depends on the material	

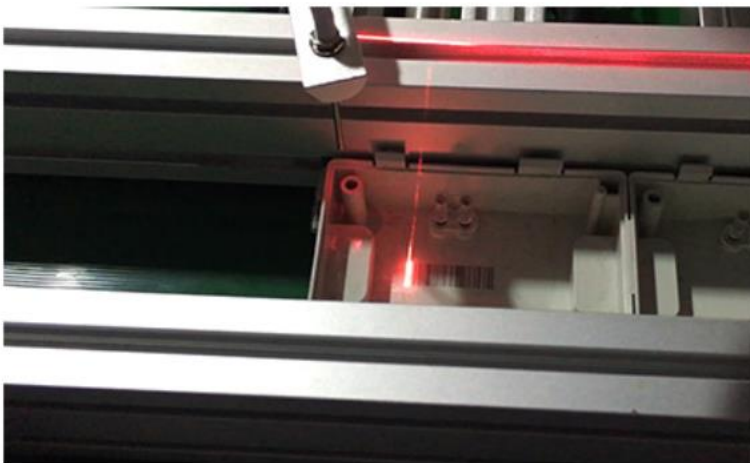Supplied standard with a choice of one off 110/150/175mm lens

Other sizes on request.

Electrical Requirements	110V-240V/50Hz-60Hz(According to local electricity supply).		
Power consumption	500W	800W	1000W
Marking Interface	USB connection. Compatible with Windows XP/Vista/7/8/10.		
Communication Mode For Automation	TCP/IP , IO , RS232.		
Marking Content	barcodes, serial numbers, text, vector,and logos.		
Red Dot Pointer	Since the laser beam is invisible, the Red Dot Pointer allows you to have a visual reference for locating where the laser will fire.		

NO.	Type		Power	Laser Source	Pulse Width	Frequency
1	Split Type	20GS	20W	Raycus QE	110-140ns	30-60kHz
2	Split Type	30GS	30W	Raycus QE	130-150ns	40-60kHz
3	Split Type	50GS	50W	Raycus QE	120-150ns	50-100kHz
4	Split Type	20GS	20W	MOPA JPT M7	2-350ns	1-6000kHz
5	Split Type	30GS	30W	MOPA JPT M7	2-350ns	1-6000kHz
6	Split Type	60GS	60W	MOPA JPT M7	2-500ns	1-6000kHz
7	Split Type	80GS	80W	MOPA JPT M7	2-500ns	1-6000kHz
8	Split Type	100GS	100W	MOPA JPT M7	2-500ns	1-6000kHz
9	Split Type	20GS	20W	JPT LP+	200ns	1-600kHZ
10	Split Type	30GS	30W	JPT LP+	200ns	1-600kHZ
11	Split Type	50GS	50W	JPT LP+	200ns	1-600kHZ
12	Enclosed Type	20GS	20W	Raycus QE	110-140ns	30-60kHz
13	Enclosed Type	30GS	30W	Raycus QE	130-150ns	40-60kHz
14	Enclosed Type	50GS	50W	Raycus QE	120-150ns	50-100kHz

Elevating

High speed Galvanometet

Lens

Lifting Hand

Control Panel

Control Cabinet
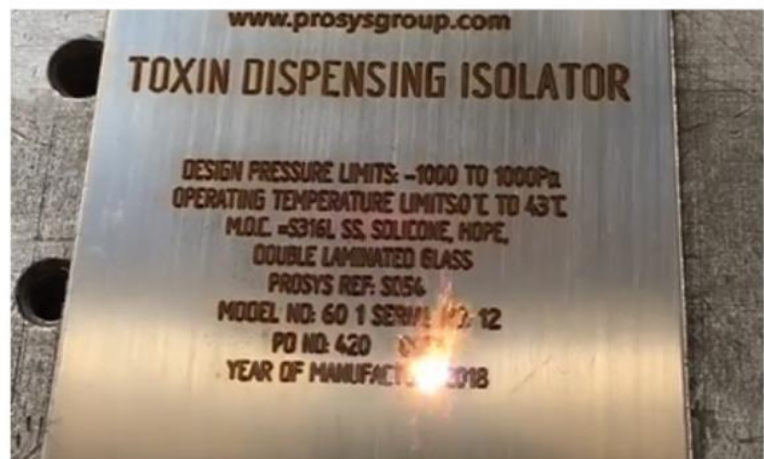
heat emission hole

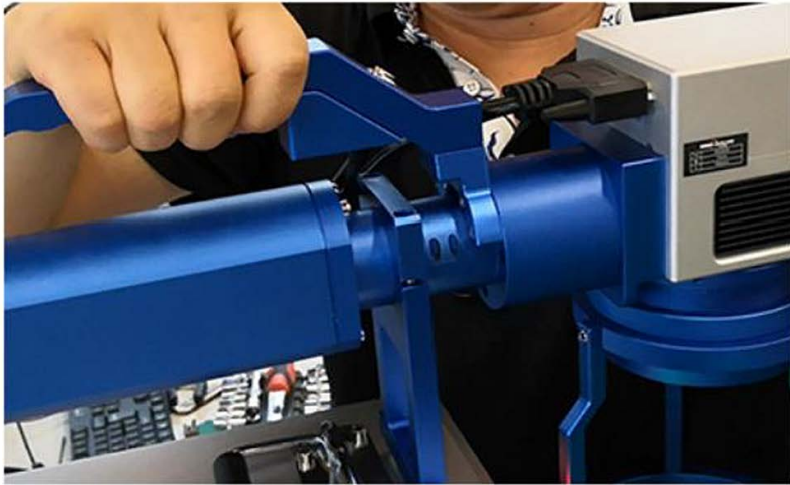Working table
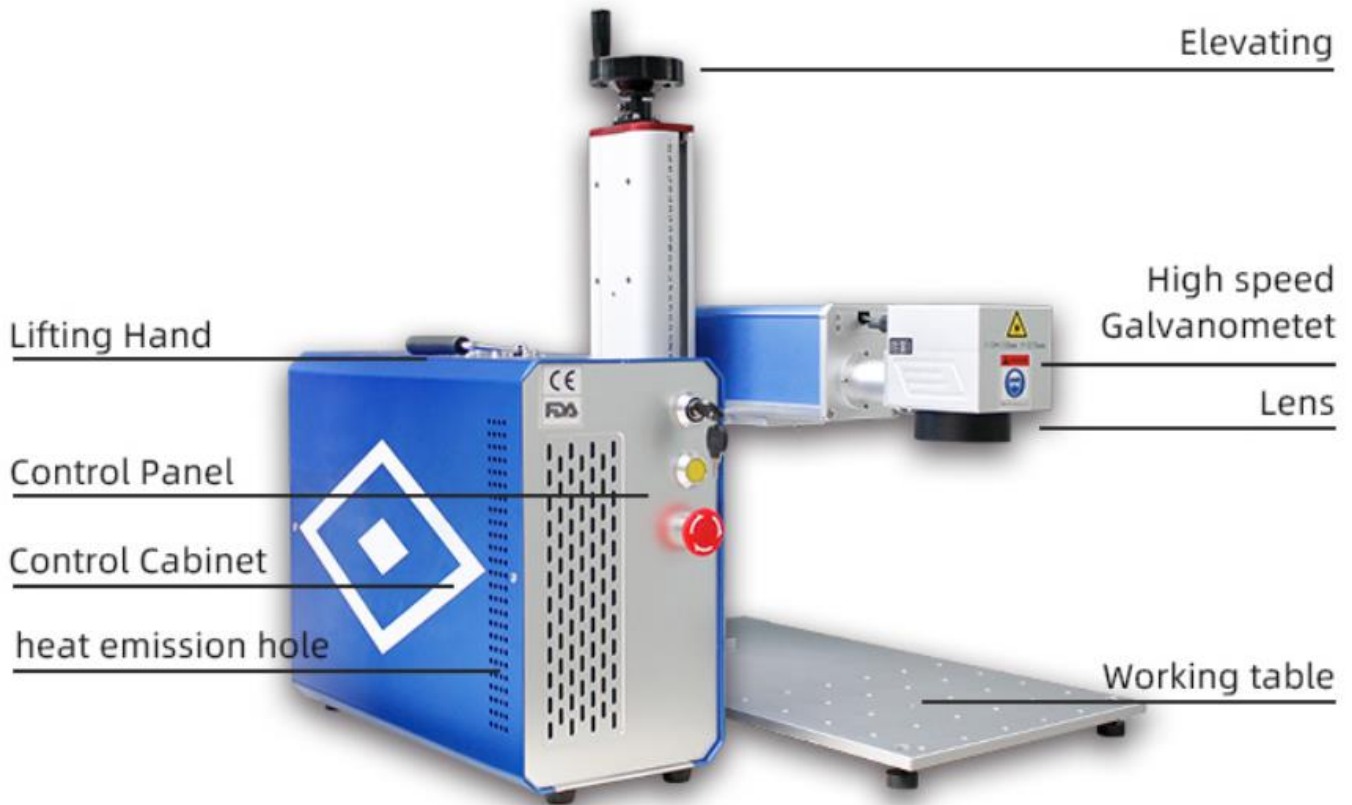
*Optional Auto Focus

1. Free maintenance and low operation cost.
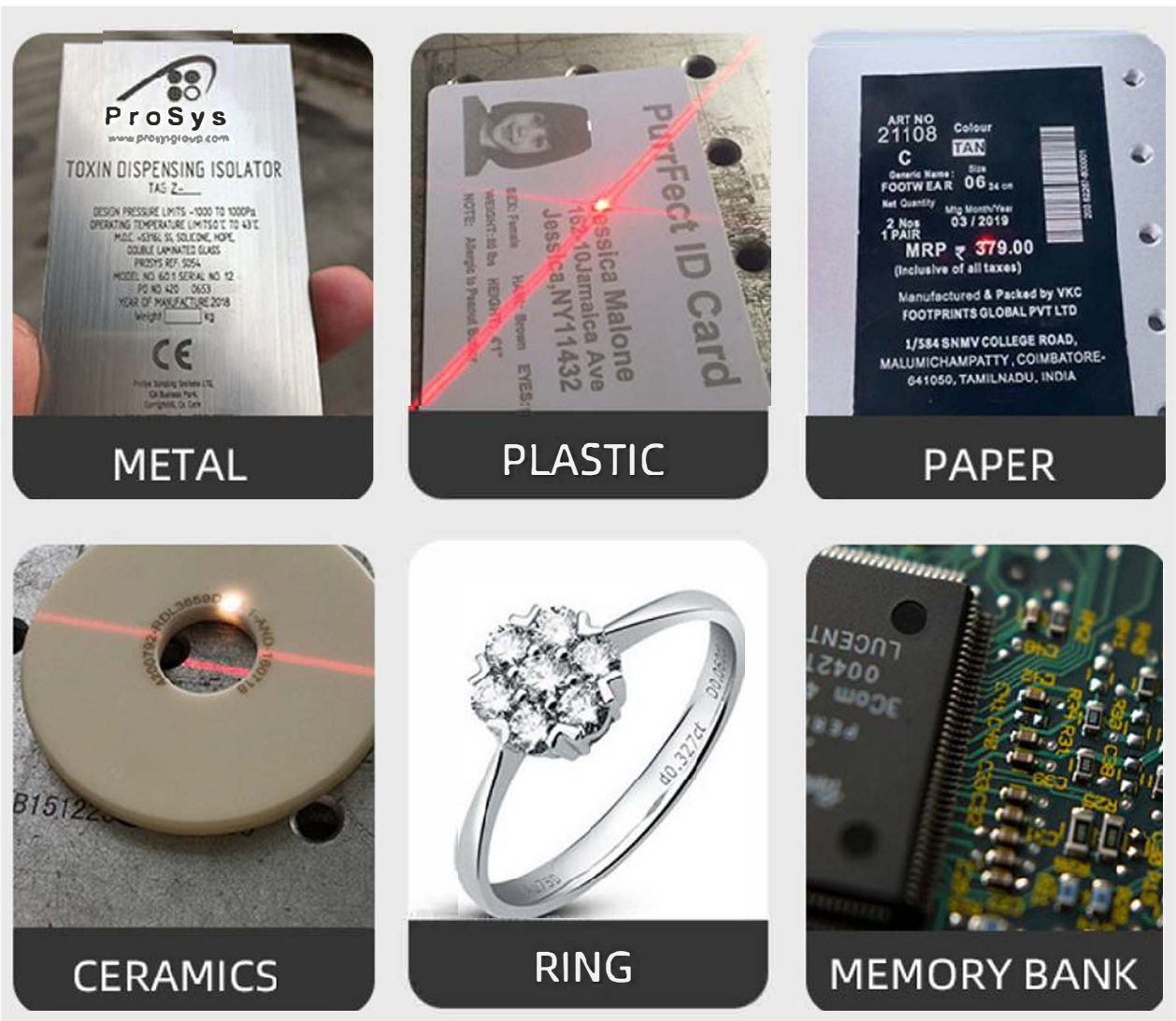2. Fast Speed: Imported laser scanning system makes the marking

3. High Precision: Re-position precision is 0.002mm.
4. High-Rate of Electrical-Optical

Conversion: up to 70%.

www.prosysgroup.com

TOXIN DISPENSING ISOLATOR

DESIGN PRESSURE LIMITS: -1000 TO 1000Pa
OPERATING TEMPERATURE LIMITS0°C TO 43°C
M.O.C. =S316L SS, SILICONE, HDPE,
DOUBLE LAMINATED GLASS
PROSYS REF: S056
MODEL NO: 60 1 SERIAL NO: 12
PO NO: 420
YEAR OF MANUFACT. 2018

5. Easy Operating: Easy operation, English User Manual, VCD training video, software sending together with the machine.

6. The function of marking software is powerful.
The machine can be compatible with software files

METAL

PLASTIC

PAPER

CERAMICS

RING

MEMORY BANK

FIBER LASER MARKING MACHINE
PACKING LIST

NO.	NAME	SPEC	NUMBER
1	Fiber Laser Engraver		1 SET
2	Goggles		1 PAIR
3	Allen Wrench		1 SET
4	USB Drive	16G	1 PC
5	Installation and Use Video	In USB Drive	
6	Software User Manual	In USB Drive	
7	Power Line	1.5m	1 PC

NO.	NAME	SPEC	NUMBER
8	Foot Switch		1 PC
9	Positioning Screw	M6	Some
10	Lock Bar		2 PCS
11	Workbench	300*200	1 PC(Optional)
12	Rotary Device	D80	1 SET(Optional)
13	Laptop	Lenovo	1 SETOptional)

Pictures are only for information, take practicality as standard.

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10	Lock Bar		2 PCS
11	USB Line		1 PC
12	Workbench	300*200	1 PC(Optional)
13	Rotary Device	D69	1 SET(Optional)
14	Laptop	Lenovo	1 SETOptional)

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