



## **12" x 12" x 3" (300mm x 300mm x 80mm) Rapid Scanner Crystal Laser Subsurface Engraver**

Item Code: LSEM-WLD-photo3D-602B



FOB Price: **\$42,553/set**

Mini Order: 1 set

Average Rating: 1b (kg)

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### **Overview**

#### **Main Configuration Information:**

Max Engraving Range: 300\*300\*80mm  
Galvanometer Scanner, Technology, DSP, 3 Dimension, 2000Hz diode-pumped YAG.  
Standard equipment Main machine  
PC (including dot cloud conversion software and engraving controlling software)  
User manual  
Protect glass  
Other accessories  
Graphic disc (1000 3d pictures)  
Advanced conversion system (optional)

#### **Application:**

LSEM-WLD-photo3D-602B Rapid Scanner Laser Subsurface Engraving Machine is mainly suitable for personalize photo crystal craft and crystal souvenirs mass production.  
It is adopting the advanced conversion softer, which can transfer 2D normal photos to 3D images, and then used our laser subsurface engraving machine to engrave 3D images in crystal and glass products, etc., at same time, it can produce the individual crystal gifts and souvenirs, such as 3D images, personal name, handprint, footprint and trophy etc., it also can work for a large scale production of 2D, 3D animals & plants, architectures, models such as car, boat, airplane etc, and 3D scene show.

#### **Product Highlights:**

- . If the 3D Portrait Laser Subsurface Engraving machine be equipped with conversion software developed with our own technology, it can transfer the 2D normal photo into `3D` images, you would not buy the 3D camera, it will reduce your total input cost.
- . This laser subsurface engraving machine adopted the advanced galvanometer scanner technology together with 2KHz diode-pumped YAG frequency doubling laser which is faster, the laser point is more thin and bright, the image also will be more elaborate and lively.
- . The key parts of the apparatus mainly come from `Germany` and the USA. It is more reasonable and steady for long-term production.
- . Suitable for individual production and batch fast process. Just one machine could be satisfied with capacity for both storefronts network distribution and electric-business distribution.

The laser subsurface engraving machine can engrave the large scale crystal products at 300\*300\*80mm once time, also can engrave many small size products once time.

#### Warranty and Aftersales Service:

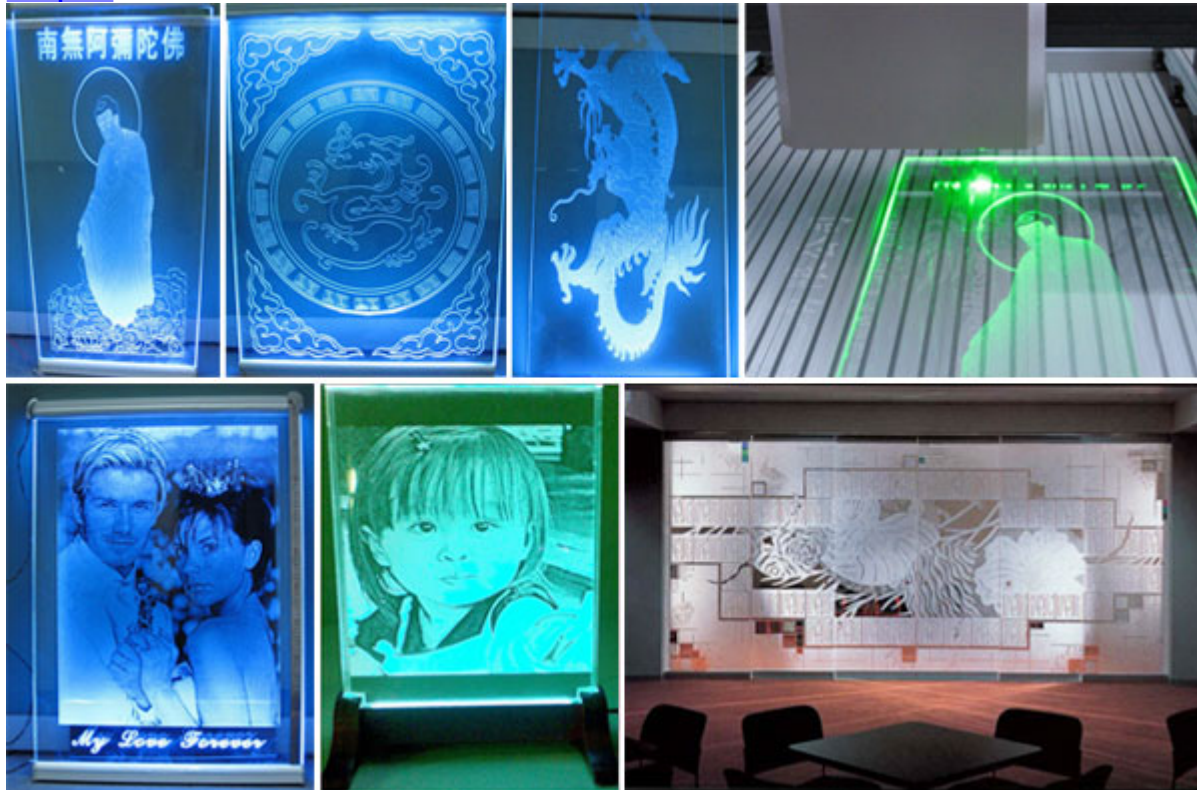
- . The warranty is valid for 1 year from 'the' goods' arrival at Destination Port.
- . If there is standard part breaks with quality problem within warranty, buyer mail seller the broken part, seller will send a new part to buyer soon and guide buyer how to change it as has been taught in training.
- . If Buyer wants Seller's engineer to give training, maintenance or other technical support outside Seller's company, Buyer shall afford the traveling cost, lodging and accommodation of our engineer, and the service of engineer is free.
- . User-friendly English manual for machine using and maintaining.

#### Optional Device:

Advanced conversion software system: **+\$3000**

3D Camera: **+\$14000**(made in China), **+\$18000**(Import from Italy)

#### Samples:



## Details

Support Image Format	PLT, AI, DXF, BMP
Engraving Precision	0.0001" (0.005mm)
Max. Engraving Speed	8000-10000dots/min
Effective Engraving Area	11.8" x 11.8" x 3.1" (300 x 300 x 80mm)
Laser Power	1 KW

## Specifications

Model	LSEM-WLD-photo3D-602B
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Laser Medium	Nd: diode-pumped (can work more than 10000 hours)	
Laser Wavelength	532nm	
Laser Frequency	2000Hz	
Maximum Engraving Range	11.8" x 11.8" x 3.1" (300 x 300 x 80mm)	
Maximum Engraving Speed	8000-10000dots/min	
Number of Laser Heads	1	
Maximum Power of the whole machine	1 KW	
Control System	Servo control system, Galvanometer Scanner, Technology, DSP, 3D	
Cooling System	Semiconductor Cooling	
Spare Parts	No	
Continuous Working Time	12hrs	
Electrical Connection	AC220±10%,50-60hz	
Dimension of the Whole Machine	29.5" x 31.4" x 53.1" (750 x 800 x 1350mm)	
Weight of the Whole Machine	485.0Lb (220kg)	
Room temperature	15-35 degree	
Engraving time	2.0" x 2.0" x 3.1" (50 x 50 x 80mm )	about 2 mins
	1.2" x 0.8" x 0.8" (30 x 20 x 20mm)	about 0.7 mins

## Tags

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