



STNDP-801AB4 Introduction:

STNDP-801AB4 is a ideal type of machine for 2D/3D crystal business,it can be displayed in public location or service center for batch production which customer can have their portrait almost instantly.Strictly accordance with CE and FDA Standards, the design and production ensure the safety and stability of the using process. STNDP-801AB4 have highly cost-effective, suitable for personalized crystal gift shop in the shopping mall, batch production center and so on.



Application:

Integrated with high-peak power laser system which developed by STN Laser, the machine is not only applied to crystal or glass's sub-surface engraving but also for most transparent material. It could be widely used for acrylic sub-surface engraving and surface marking in metal or nonmetal materials. STN Laser welcome customers' requests on OEM and ODM production.

Main Parameters

Laser box	Diode pumped Nd:YAG, 532nmgreen laser; 3000Hz
Pulse width	≤6ns
Engraving Rate	Maximum: 3000 points/s Normal: 2800 points/s
Max DPI	600DPI
Max crystal size	410mm*310mm*100mm(16.1"x12.2"x3.9")
Max engraving size	400mm*300mm*100mm(15.7"x11.8"x3.9")
Machine size	960mm*760mm*780mm(37.8"x29.9"x30.7")
Cooling system	Air cooling
Weight	115Kg
Reference engraving time:	
Crystal block(50*50*80mm & 300,000points): < 2mins	
Crystal key chain(30*20*15mm & 50,000points): < 20seconds	

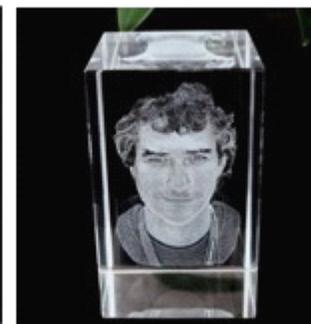
Features

- ★ User friendly:simple operation, easy to learn.
- ★ Highly adaptable, : simple installation without debugging,plug and play.High peak power laser have the good adaptability for different K9 crystals on different rigidity.
- ★ High engraving speed: max engraving speed above 3000 points/second; normal speed is approx 2800points/second.
- ★ Steady Performance and Fine Imaging: the advanced technology of air-cooling laser diode source and good beam quality
- ★ Multiple Data Formats Support: With the Laser image software, we have increased the capability of data formats that the machine can supports that varies from dxf, cad and many more that provides very good compatibility.
- ★ Extra Large Image Processing:A special algorithm is developed for images sizing out of the rated scan zone, which can divide and optimize the data of the sections for the final integration of Max. engraving area up to400mm*300mm. The system is also equipped with a unique Image Cohering Calibration to adjust the variance both optical and mechanical, cumulated from the long-time operation.
- ★ Clean & Quiet Operation: No air compressor, water pump and high power fan, no pollution
- ★ Low operating costs : the advanced technology of laser diode can ensure the good operating and reduce the maintenance cost.
- ★High precision temperature control system: The advanced air-cooling laser diode and high precision temperature control system can ensure the stability property.

Samples:



12.9x11.9cm



50x50x80mm



60x60x100mm