

半导体激光打标机 AHL-DP50/DP75

Diode side-pump laser marking system

产品优势

完善合理的整机设计，控制系统和打标软件完美的结合使产品部件寿命大大增强，长时间运行故障率低，产品性能稳定可靠。

激光腔：采用高性能半导体激光器，光束质量好，出光模式好，光功率稳定，寿命可达13000小时。

Q开关：采用最优化配置，激光释放品质好，性能更稳定。

控制电脑：采用工业控制电脑，能保证工业设备在恶劣环境里长期稳定的工作，不容易死机。

控制软件：功能强大，具有图形对齐、红光预览功能。可以标记各种条码以及图形码，并具有反打功能，充分满足客户要求。

优良的工作台面，能与飞行标记系统完全配套，无需更改配置。

强大的研发能力能提供数百种自动打标和送料方案，充分满足客户的要求。



Product advantage

The ideal combine of design, control system and marking software make the life of fittings stronger. The rate of failure is lower after long-time working and the capability of product is steadily.

Laser cavity: It's equipped with good performance semiconductor laser machine. The laser beam has high quality and the light output model is fine so the power of light is steady. The machine's life is as long as 13000 hours.

Q-switch: It's equipped with imported parts and will seldom break down.

Controlling computer: We use industrial controlling computer. It is superior to family or commercial computer so it can ensure the equipment to work long-time and steadily in the industrial condition and will not crash easily.

Controlling software: It has strong capability. It can even the figures, laminate set up parameters and preview the place of infrared light. It can calculate the figures precisely and mark all kinds of bar code and graphic code and mark on the opposite side.

技术参数 Technology parameters

		AHL-DP50	AHL-DP75
最大激光功率	Max. laser power	50W	75W
激光波长	Laser wave-length	1064nm	1064nm
光束质量	Beam quality	<6M ²	<6M ²
重复频率	Repetition frequency	≤50KHz	≤50KHz
标刻范围	Standard marking area	100mm × 100mm	100mm × 100mm
选配范围	Marking area option	50mmX50mm 150mmX150mm 200mm × 200mm 300mm × 300mm	
雕刻深度	Marking depth	≤1.2mm	≤1.8mm
雕刻线速	Linear speed	≤7000mm/s	≤7000mm/s
最小线宽	Min. line width	0.01mm	0.015mm
最小字符	Min. character size	0.2mm	0.2mm
重复精度	Repetition accuracy	±0.002mm	±0.002mm
整机耗电功率	Power consumed	≤1.5KW	≤3KW
电力需求	Electrical source	220V ± 10%/50Hz/30A	220V ± 10%/50Hz/30A
外型尺寸(长×宽×高) 以实际尺寸为准outline size standards by the real size			
光路系统	Optical system	1700 mm × 500 mm × 1200 mm	
冷却系统	Cooling system	860 mm × 530 mm × 840 mm	
控制系统	Control system	720mm × 620 mm × 830 mm	
备注：由光路、冷水箱、控制箱、显示器、工作台组成。可选配旋转工作台及自动化配套系统，			

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注：由于产品不断更新改进产品图片及外观参数以实际发货为准

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