

Stock code : 839939



在线激光打标机
ONLINE LASER MARKING MACHINE



德中（深圳）激光智能科技有限公司
DCT (SHENZHEN) LASER INTELLIGENT TECHNOLOGY CO., LTD

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ONLINE LASER MARKING MACHINE



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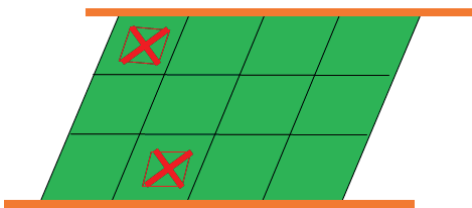
X/T 系列 X/T SERIES

- 激光头: 进口激光器高稳定、寿命长
Laser Head: Imported laser with high stability and long life
- 智能化系统: 智能防错码/重码标准MES接口, MES定制开发
Intelligent System: Intelligent error prevention code/repeated code standard MES interface, custom MES development.
- 高精度定位系统: $\pm 0.02\text{mm}$ 重复定位精度
High-Precision Positioning System: $\pm 0.02\text{mm}$ repeated positioning
- 净化系统 (选装): 自动化高性能净化系统
Purification System (optional): Automated high-performance purification
- 智能相机系统: 智能CCD视觉定位, 智能识别2D code
Intelligent Camera System: Intelligent CCD visual positioning, intelligent recognition of 2D codes.
- 控制系统: 基于德中高精度切割系统开发
Control System: Developed based on a high-precision cutting system from DZ group

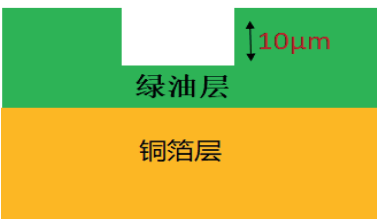
产品优势 PRODUCT FEATURES

- 无耗材、无污染
No consumables, No pollution
- MES连接自动获取工单序号
MES connection obtains the work order number automatically
- 软件界面人性化, 操作简单易学
Humanized software interface, easy to operate
- 全系可搭载CO₂/紫光/绿光/光纤激光器
The whole series can carry CO₂/violet/green/fiber laser
- 装配高性能振镜, 加工精度高、打标速度快、激光能量波动稳定
Assembly with high performance configuration, high machining precision, fast marking speed, stable laser energy fluctuation

X板识别功能 X-Board Recognition Function



内置Z轴, 定深可控 Built-in Z-Axis with Adjustable Depth



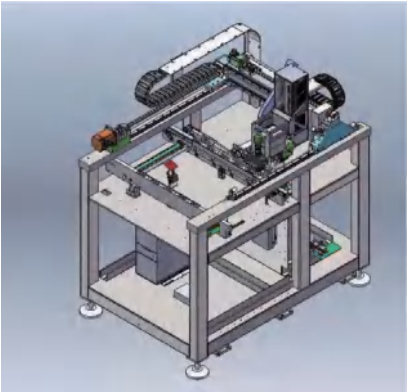
更多功能 More Functions

防重防呆	条码等级测试
MES连接	等多....

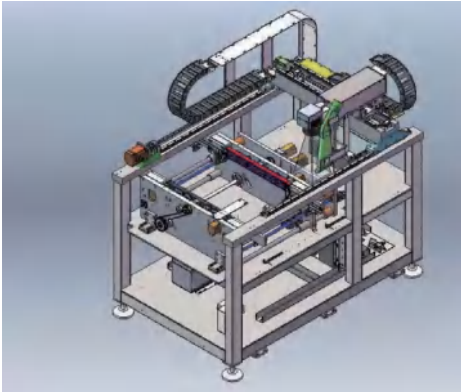
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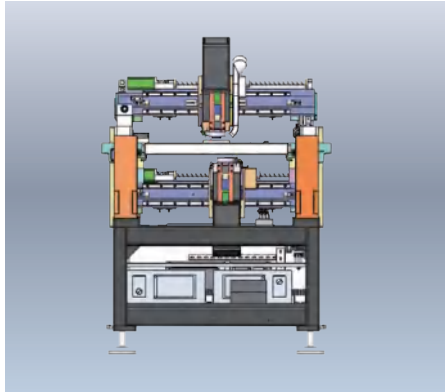
设备结构 EQUIPMENT STRUCTURE



轨道传送
Track transfer

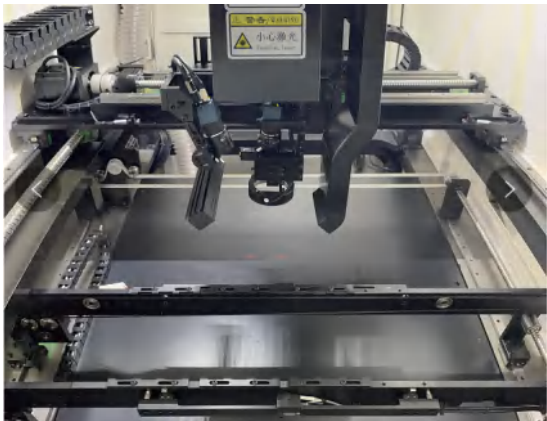


内置翻板
Built-in Flip function

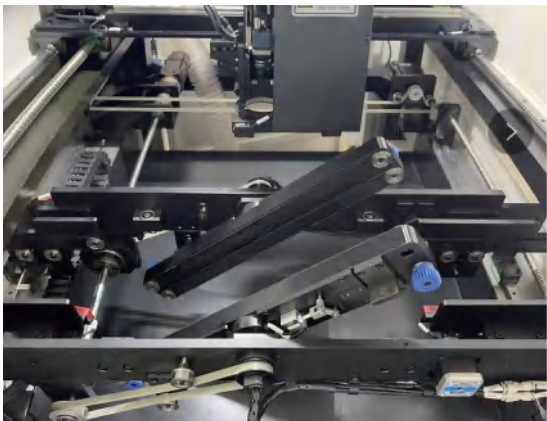


上下头双面刻印
Double-sided marking with Top and Bottom laser heads

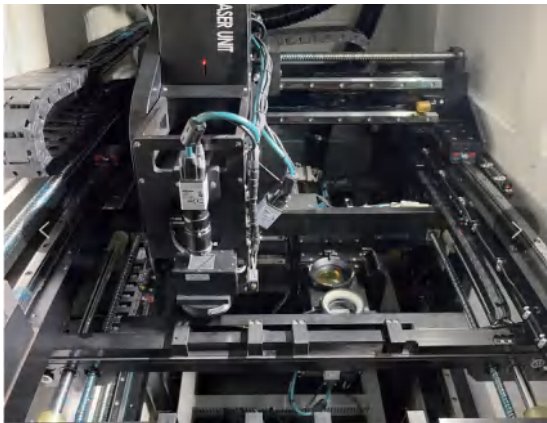
设备结构可选配置 OPTIONAL CONFIGURATIONS FOR EQUIPMENT STRUCTURE



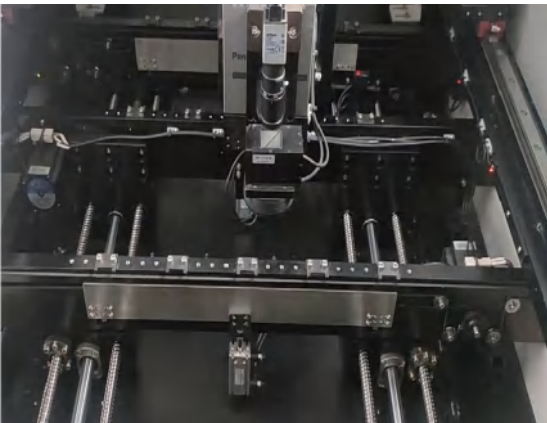
一段式标准设备
Single-stage Standard Equipment



三段式内置翻板
Three-stage Built-in Flip Mechanism



上下头同步打码
Top and Bottom Heads Synchronized marking



单头双轨设备
Single-head Dual-track Equipment

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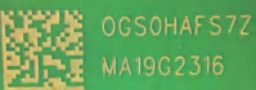
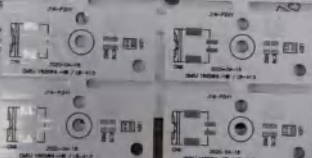
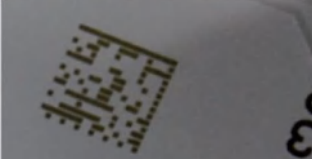
应用领域 APPLICATION FIELDS

用于在PCB白油、绿油、黑油、蓝油、红油板，以及补强钢片和屏蔽盖产品上标记一维码、二维码、文字等信息，并可以在标记完成后进行读取验证。

It is used for marking one-dimensional codes, two-dimensional codes, text, and other information on PCB white oil, green oil, black oil, blue oil, red oil boards, as well as reinforcement frames and shielding cover products. It can also read and verify the marking after completion.

—汽车  Automotive Industry	—手机  Mobile Phones	—电池板  Battery Panels	—半导体  Semiconductors	—家电行业  Home Appliances Industry
—航天航空  Aerospace	—户外电器  Outdoor Electronics	—医疗器械  Medical Equipment	—仪器仪表  Instruments and Meters	—LED行业  LED Industry

应用场景 APPLICATION SCENARIOS

 屏蔽盖 Shielding Covers	 绿油板 Green Oil Boards	 铝基板 Aluminum Substrates	 摄像头盖板 Camera Cover Plates
 补强钢片 Reinforcement Steel Sheets	 黑油板 Black Oil Boards	 白漆板 White Paint Boards	 白漆板 White Paint Boards
 塑料壳 Plastic Casings	 FPC刻码 FPC Marking	 白色环氧 White Epoxy	 白油刻码 White Oil Marking

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设备参数 EQUIPMENT PARAMETERS

Description	CO2 Laser Marking Machine	CO2 Laser Marking Machine With Flipper	UV Laser Marking Machine	UV Laser Marking Machine With Flipper	Fiber Laser Marking Machine	Green Laser Marking Machine
Economic X-Series	X45A	X45AF	X45U	X45UF	X45F	X45G
High-end T-Series	T45A	T45AF	T45U	T45UF	T45F	T45G
Laser specifications						
Laser Type	CO2	CO2	UV	UV	FIBER	GR
Laser Wavelength	10.6μm	10.6μm	355nm	355nm	1064nm	532nm
Laser Power	10W	10W	5W	5W	20W	10W
Laser cooling method	Aircooling	Aircooling	Watercooling	Watercooling	Aircooling	Watercooling
Laser Level	CLASS4	CLASS4	CLASS4	CLASS4	CLASS4	CLASS4
Laser Diameter	0.13mm	0.13mm	0.04mm	0.04mm	0.07mm	0.06mm
Working Method	LASER MOVE					
Basic Specifications						
Laser Marking Range	50*50mm	50*50mm	50*50mm	50*50mm	50*50mm	50*50mm
Repeat Positioning Accuracy	± 0.02mm	± 0.02mm	± 0.02mm	± 0.02mm	± 0.02mm	± 0.02mm
Positioning System	CCD+MARK POSITIONING					
Barcode Detection	CCD ONLINE DETECTION					
PCB Maximun Size	450*450mm	450*450mm	410*450mm	410*450mm	410*450mm	410*450mm
PCB Thickness	0.5--7mm					
PCB Pass Height	UP:25mmDOWN:25mm					
anti warping system	YES					
Rail Transsion Direction	Left→Right, Right→Left, Left→Left					
Rail Width Adjustment	Auto-adjustment					
Laser Object*Type	Text: English uppercase, English lowercase, numbers, Katakana, Hiragana, Chinese characters, symbols, user protection text (maximum of 50 types can be set)					
	Barcode:CODE39、CODE128、ITF、NW-7、JAN(EAN)/UPC					
	QR Code: QR miniature code, IQR code, data matrix, GS1 data matrix					
	Graphic Data: VEC4、DXF、BMP、HPGL、JPEG、AI、EPS					
Smoke Purifier System	YES					
Software						
Software Interface	Chinese-English Optimized Interface					
Error Proofing Function	PCB reverse, wrong material automatic identification					
Selective Marking	Identify and auto skip BAD MARK					
Barcode data source	Shopfloor, MES, IMS, PMS, Database, U disk, the machine set bar code principle, number, time serial number					
Barcode data source	Shopfloor, MES, IMS, PMS, Database, USB flash disk、					
System Connection Function	Shopfloor, MES, IMS, PMS, Database, USB flash disk、					
Data base	Each Model can be saved and regenerated directly					
Engraving Angle	0-360degree					
Others						
Input Voltage	AC220V50/60HZ					
Air Pressure Source	0.5Mpa					
Environmental Requirements	5--40℃, 30--80Rh					
Equipment Power	2KW	2KW	2KW	2KW	2KW	2KW
Equipment Dimension (L*W*H)	970mm*	1000mm*	970mm*	970mm*	970mm*	970mm*
	1478mm*	1562mm*	1478mm*	1562mm*	1478mm*	1478mm*
	1565mm	1565mm	1565mm	1565mm	1565mm	1565mm
Weight	710KG	750KG	550KG	750KG	550KG	710KG



微信公众号



抖音视频号

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