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瓶盖视觉检测机 & 瓶盖动态无粉镭射打标系统
**CAP VISION SYSTEM &
LASER MACHINE FOR MARKING
PLASTIC CLOSURES**



DEMARK

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ISO9001 & CE

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DEMARK

CAP VISION SYSTEM

瓶盖视觉检测机

PRODUCT INTRODUCTION

产品介绍

- 设备主要分为4个单元：高速理盖单元，视觉检测单元，不良品剔除单元，计数出料单元。
- 视觉检测单元采用6套视觉视觉处理系统对瓶盖正反两面及侧面360度全方位检测，软件算法成熟稳定，可根据客户需求灵活更改。
- 设备可对瓶盖的变形，圆度，飞边，黑点，脏污，缺料等进行高速检测，从理盖机检测到计数包装全部自动化，满足企业高速生产时对产品质量管理的需求，优化生产工艺，提高检测效率和准确性，降低企业人力成本。
- The equipment is divided into 4 units: high speed sorting unit, visual detection unit, removing defective unit count discharge unit.
- The visual inspection unit uses 6 sets of visual visual processing systems to detect both sides and sides of the bottle cap with 360 degrees. The software algorithm is mature and stable, and can be changed flexibly according to the customer's demand.
- The equipment can detect the deformation, roundness, fly edge, black spot, dirty, shortage, and so on. It can be automated to meet the requirements of the product quality management in high speed production, optimize the production process, improve the efficiency and accuracy of the inspection, and reduce the human cost of the enterprise.



APPLICATIONS

应用案例



- 1.顶部脏污/ Top dirt
- 2.毛刺飞边/ Burr flash
- 3.外侧脏污/ Outside dirt
- 4.内部污垢/ Internal dirt
- 5.瓶盖缺料/ Bottle cover

CAPVISION SYSTEM PARAMETERS

瓶盖视觉检测机参数



该设备拥有每秒几十个产品的检测速度，每个零件的精密加工，高速精准的剔除系统。

The device has the detection speed of dozens of products per second, the precision machining of each part, and the high-speed and precise elimination system.

设备型号	JG16	JG26	JG66
检测功能	变形、圆度、飞边、黑点、脏污、缺料等		
检测速度	36000个/小时	72000个/小时	108000个/小时
适用产品	塑料瓶盖		
应用行业	乳制品包装，药品包装，日化包装，食品饮料包装，酒类包装等行业		
电源	380V 50HZ		

注：默认速度为60000/每小时，可根据客户需求进行合理更改

LASER MACHINE FOR MARKING PLASTIC CLOSURES

瓶盖动态无粉镭射打标系统



DESCRIPTION

描述

- 对瓶盖进行镭射打标，可镭射文字、数字、图片、符号、代码、条形码、二维码。
- 完整系统包含：瀑布理盖机，储盖仓，风送轨道，镭射打标机（含检测剔除）。
- The laser marking of the cap can laser text, numbers, pictures, symbols, codes, barcodes, two-dimensional codes.
- The complete system includes: waterfall cover machine, storage and cover warehouse, air delivery track, laser marking machine (including detection rejection).

ADVANTAGES OF EQUIPMENT

设备优点

- 无粉镭射；可镭射文字、数字、图片、符号、代码、条形码、二维码；CE认证；提供完整系统；节约成本；便于操作与连线。
- No powder laser; laser text, number, picture, symbol, code, barcode, two-dimensional code; CE certification; provide a complete system; cost savings; system; easy to operate and connect.

PRODUCT FEATURES

设备参数

▶ 打码速度飞快 Fast code speed

专业工业级激光器，快速飞行打码，可24小时连续不间断运行，适用于高速连续产线。

Professional industrial grade laser, fast flight code, 24 hours continuous operation, suitable for high-speed continuous production line.



▶ 能耗低 Low energy consumption

能量转换率高，耗材低。

High energy conversion rate and low consumables.



▶ 结构灵活 Flexible structure

有专业支架可方便地安装在流水线上，并能很容易的进行前后上下的调整，人机对话界面友好，所见即所得，操作简单易上手。

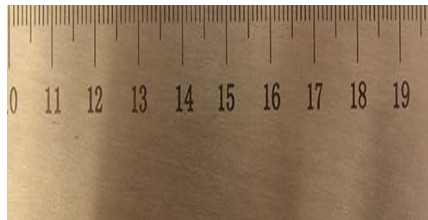
A professional bracket can be easily installed on the assembly line, and can be easily adjusted up and down, man-machine dialogue interface is friendly, WYSIWYG, easy to use.



▶ 标刻精细度高 Marking fineness is high

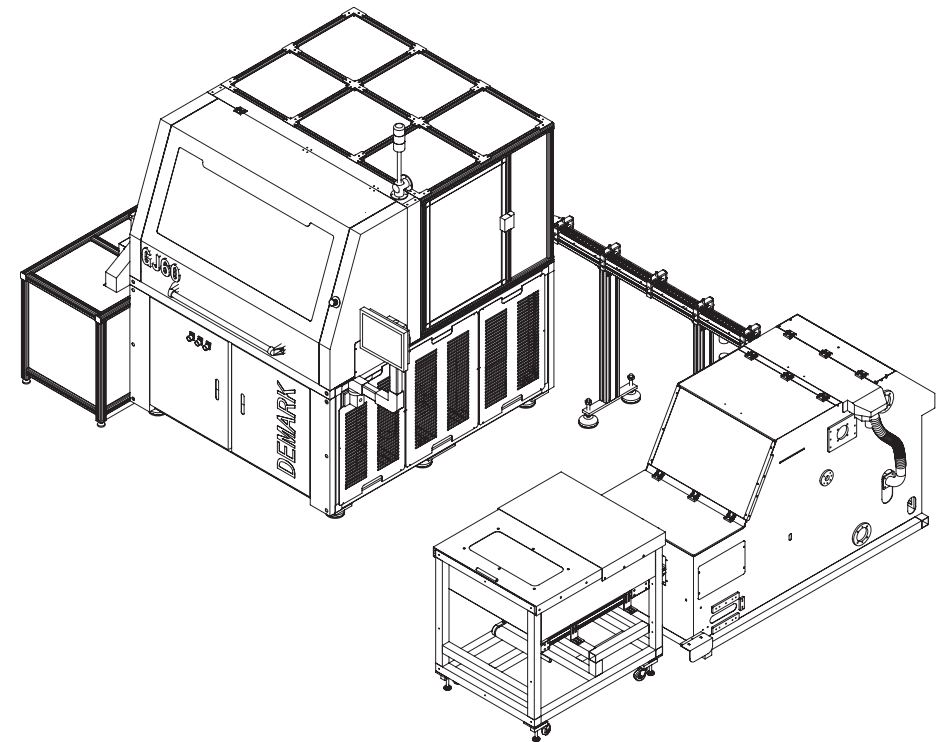
采用高速高精度振镜扫描系统，光斑均匀，标记线条精细，客户好评率高达100%。

Using high-speed and high-precision galvanometer scanning system, the light spot is uniform, the marking lines are fine, and the customer's favorable rate is as high as 100%.



LASER MACHINE TECHNICAL PARAMETERS

镭射打标系统参数



描述/DESCRIPTIONS	UNIT	数据/DATA
尺寸	MM	3700*3700*3100
标准电压	V	3P380VAC/N/PE
理论耗气量	m ³ /min	0.25
气压需求	MPA	0.6-0.8

描述/DESCRIPTIONS	UNIT	数据/DATA
功率	KW	8.5
重量	KG	1430
速度	PCS/MIN	1000