

Product Info

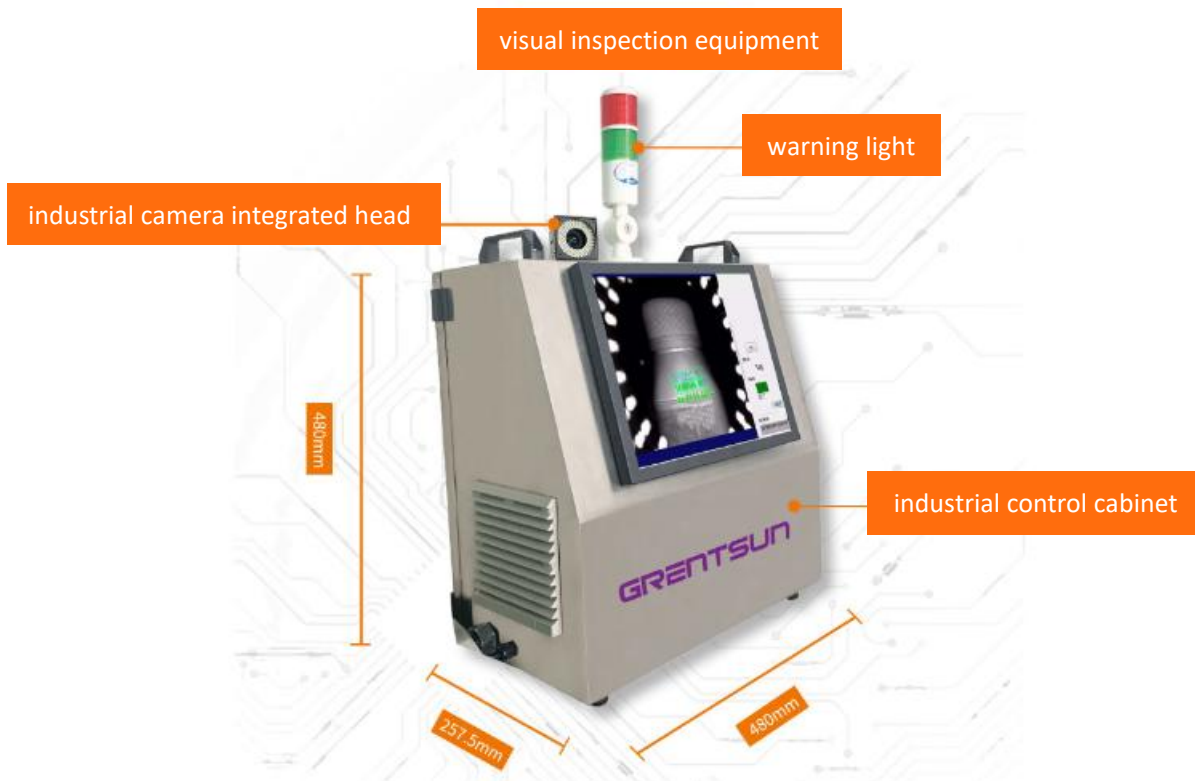
GST300 OCR character inspection system

Grentsun OCR character inspection is to check, recognize and judge the characters marked on the product or its parts. It is also called marking inspection technology and is widely applied in all kinds of occasions.



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OCR character inspection system



No contact inspection
High accuracy



High inspection efficiency
8,000,0 times / hour



Stable systematic performance
Easy to operate



Customized product support
After-sale guarantee

Advantages of product

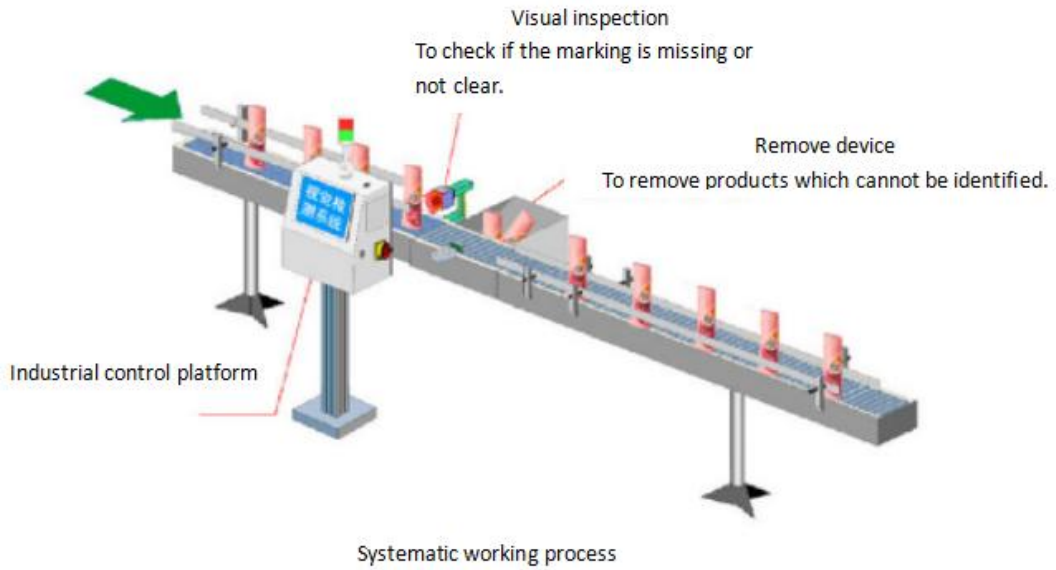
- It is high-speed CCD digital imaging technology, with pixel from 30 to 10,000,000 and fixed dynamic imaging.
- It has a unique mixed algorithm, many kinds of high-end OCR reading technology, and the widest range of reading.
- It has high speed controller at industrial level (Max 2G main

frequency).

- It has many built in input and output interfaces and it's very convenient for customers to use.
- It can directly drive the monitor and keyboard which can greatly cut the costs for customers.
- It is widely applied to online inspection of marking effects on all kinds of marking equipment.

Applications

1. Package characters / label visual inspection
2. Bottle cover character visual inspection
3. Mobile phone shell character visual inspection
4. Character and code on semiconductor wafers
5. Silk screen inspection for electronic capacitors;
Visual inspection of electronic components.
6. Visual inspection for card characters and surface characters.



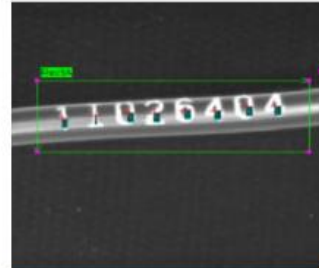
Cases of Application



OCR character inspection for coding on the bottle



character inspection for labels on the flavoring



OCR character inspection for infusion tube

Product Parameters

Content	OCR character inspection system	
Model No.	Grentsun®GST300	
Main frequency of controller	2.7G, 4G storage	
Camera resolution	300,000 CCD	
Light source configuration	LED white, red can be choosed	
Input signal	photoelectric sensor	
Output signal	Remove signal, warning signal and stop signal	
inspection speed	Max 20 per second	
inspection distance	50-120mm	
with or without communication	with	
Positioning Tool	pattern	yes
	edge, round	yes
Inspection Tool	pattern	yes
	pixel counting	yes
	brightness and contrast	yes
	edge	yes
Measuring and Counting Tool	distance, angle and diameter	yes
	model and edge	yes
Power Supply	AC220V 50Hz 200W	
Sealed environment	IP62	
Working temperature	0°C-50°C	
Relative humidity (without percipitation)	10-90%	