

Optimax Pro Auto visual machine

- Power of Vision tools, Location tool
- Non Linear calibration
- Sub-pixel technology
- Advance character recognition OCR
- All ID code reading



Optimax Lite/Plus Auto visual machine

- Make all the inspection very simple and very flexible
- Friendly user interface design
- Auto motion control for mass products inspection
- Most reliability on high magnification field of view
- High efficiency and more variety of power vision tools



OPTIMAX

Features

The functions are more advanced

Geometric Pattern Matching and Inspection

The industry's gold standard for part and feature location provides accuracy and repeatability under the most challenging conditions

Identification and Verification

ID reads even the most degraded data matrix codes delivering consistently high read rates needed for part traceability. OCV provides high-speed character verification, even when the print is extremely distorted, using both image-based and printer font-based training

Color Tools

Sort, match, identify, and monitor color images

Gauging Tools

Find, measure, and analyze geometric aspects of images

Image Processing Tools

Optimize and manipulate images prior to inspecting the object

Interface

User Interface is friendly and flexible to use
Designed to panel control easy to use

Robotics movement 2-3 axis

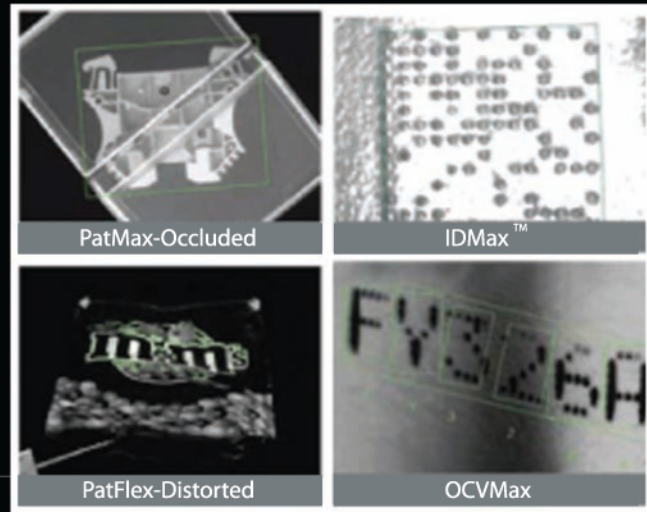
- All-in-one type suitable for cell production
- Owing to encoder, less out of control
- High rigid base and servo controlled motor
- All-in-one type high precision and constant speed

Touch screen

The touch screen and vision inspection technologies are combined make operation easier and function more practically

The accuracy

Robust measurement with sub pixel accuracy



General Specifications

Model	Optimax Lite	Optimax Plus	Optimax Pro
(X/Y/Z) Measuring Range (mm)		250x350	200x200x100
Machine Dimension (mm)		850x820x610	660x607x733
CCD		3MP	5MP
Lens system	Fix focus	Fix focus (Auto focus function)	
Software		Powerlogic	
Pixel Technology		SUB Pixel	
I/O		Standard I/O (8 Input / 8 Output)	
Operation mode		AUTO	
Measuring system	Sub pixel accuracy (x10)	Sub pixel accuracy (x40)	
Power consumption		220VAC 50Hz/60Hz	
Temperature/Humidity		0-40 C 20-90% RH	