WORLD FIRST EYE-NEURO by TECHNOS

Human eye mechanism on to the electronic board.
Now, On-line Inspection available in Fully Automatic.
《Application examples of Technos 5000K》

Tire
Black defects in black. Delicate flatness defects also inspected.

CRT, Shadow Mask
Due to the deeper focal point, rounded surface inspected precisely.
Thousands of aperture unevenness detected in one-pass operation.

Ceramic, Tile
Micro cracks, scratches on the rough surface.
Slight color shift piece by piece can be ignored

Display device
Color filer, TFT glass, ITO coated glass, Engineered films, Lighting panel and all other materials

Glass, Plastic
Every kind of glass can be inspected.

Iron pipe
Detect of defects into embossed surface.

Films
Unstable material moving is allowed with deep focal range.
Real time Active Navigator records all captured images and job information.

PCB
Ultra small defects on Multi-layered board, Flexisible board, several Prepregs

Image chips, Micro lenses
Macro-inspection with sub-micron accuracy.
Top surface and bottom surface can be inspected simultaneously by deep focal point.

Steel
Hot surface can be inspected from cool distance by single camera with high speed coil run.

Wafers, Photo-masks
Top and revise side surface, even side edge of discs are inspected.
Unevenness of photo-resist coating also can be checked.

Steel, Aluminum pipes.
Cylindrical pipes can be inspected by rotation.
The system ignores unevenness of surface structure by its unique algorism.
It is also suitable to inspect tiny defect on the pressure roller for steel, aluminum, stainless steel, titanium plates so on.

OPC drams
Flexible to adapt with material changes.
Ultra low contrast defects can be inspected.

Lenses, Prisms
All kind of optical lens and prism can be inspected. In addition to Top and bottom surface, Internal part also inspected in one time scanning

Automobile
Pre-painted and post-painted body can be inspected.
Related parts (light cover, bumper etc.) also be object for inspection.

Filters, Non-woven cloths, Mesh screens
"Chess magic" software allows canceling of Moire effect, then stable inspection achieved.

Medicals, Foods
Several kinds of aluminum package and plastic food casing can be inspected.

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