



The Ultimate Digital

Simorgh

Color Blister Packaging Inspection System



Simorgh, the mythical Iranian bird watches over all blister packages, so no faulty blister ever dares to pass through the blister packing machine and gets into the hands of final customers!

KDI Simorgh is a Hi-Tech blister packing inspection system, based on machine-vision technology and digital-image processing.

Simorgh consists of a high-resolution industrial color camera, a state-of-the-art lighting system, a modern PC with touch-screen panel that runs the inspection software and a digital IO card that captures the synchronization-signals and sends reject-signals to the packaging machine's blister reject-actuators.

Simorgh can be integrated with blister packaging machines of all known suppliers, whether the machine is new or old.

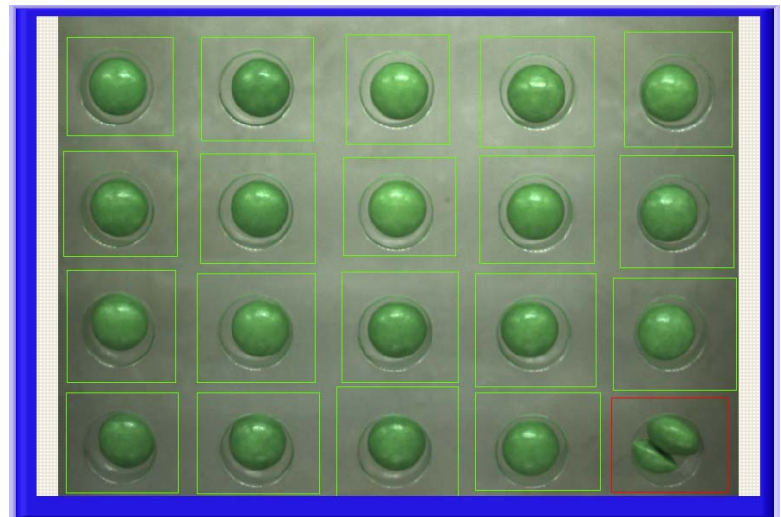
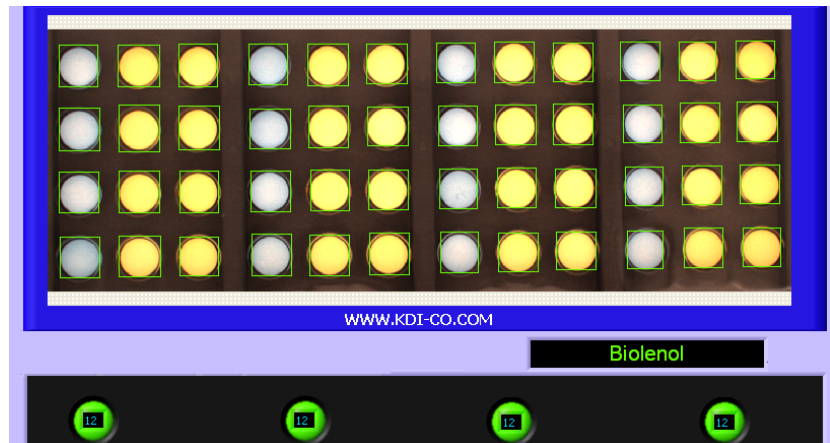
Its user-friendly software allows the easiest imaginable teaching of templates for different kind of tablets and capsules, so users are able to configure the system to inspect any product in a couple of minutes.

Simorgh is able to inspect blisters with all kind of pharmaceutical forming-films, such as PVC and Alu.

Simorgh comes with a strobe top-lighting system, and is able to detect tablets which are the same color as the PVC, with no modification needed either to the lighting system or to the blister packaging machine.

Highlights:

- **High resolution 1600x1200 pixel color camera** (higher resolution options are also available)
- **Strobe Super High Bright LED lighting**
- **PC powered by Intel® Core™ i3 CPU**
- **Extremely user-friendly inspection and monitoring software**
- **Software can be delivered in any languages desired. Right-to-left script languages such as Persian are also supported.**
- **Customized reports can be generated by the software in HTML or Excel formats. The software's internal database records all acquired data from the blister packaging machine, such as number of produced blisters, number of faulty blisters, etc...**
- **Both intermittent and continuous operation blister packaging machines are supported**
- **Full inspection of all tablets and capsules for color, size, shape, presence, position and foreign particles**
- **Large touch-screen LCD monitor to provide a clear and easy-to-use interface**
- **Minimum 3600 Tablets/Minute rate of inspection**
- **Optional FDA 21 CFR 11 compliance**
- **Superb and unmatched cost/performance ratio**
- **Having both shift register and rotary encoder hardware to directly control the reject mechanism, also capable of connecting to the controller or PLC of the packaging machine via digital IO lines**
- **System can be customized to meet the specific needs of customers based on every type of blister packaging machines**
- **Powerful automatic algorithms of learning blister templates, allows users to configure the machine for new blisters in just a few minutes!**



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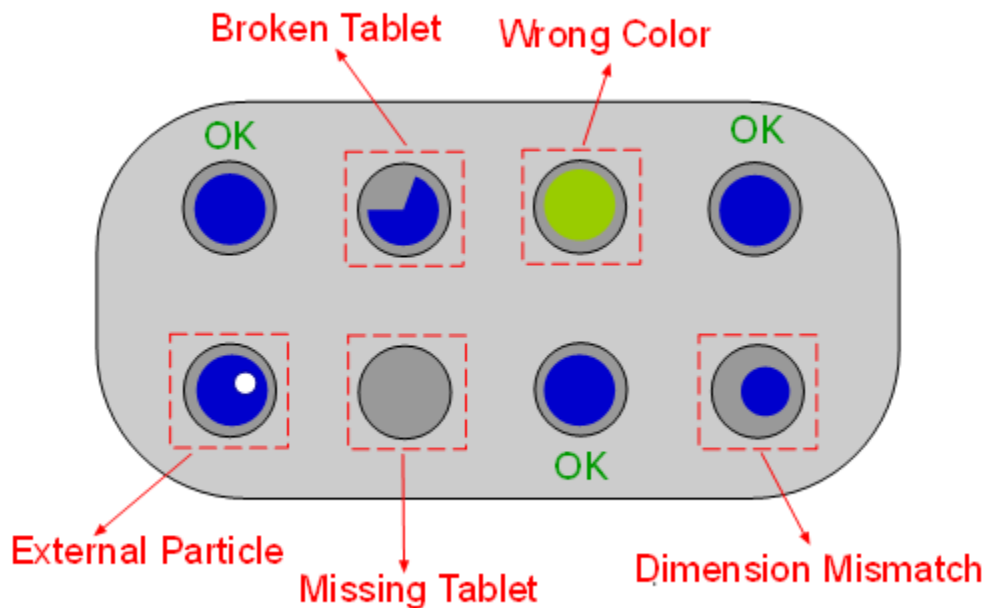


KDI Services and Support

KDI provides the services and support that will meet your needs throughout the life of our products. Our after-sales technical service matches the highest international standards. Our clients know they can always depend on KDI for excellent customer care!

Repair and extended warranty

KDI provides complete repair service for our products. We offer extended warranties to help you meet project life-cycle requirements. Generally, we provide a one-year warranty and ten years after-sales service for all of our products.



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Kasra Hooshmand Engineering Co., P.J.S. (KDI)

www.kdi-co.com info@kdi-co.com

Tel: +98(21)88406803

Fax: +98(21)88406112

Unit No. 3, 3rd Flr., No. 72, Motahari Ave. 1566784534 Tehran - Iran