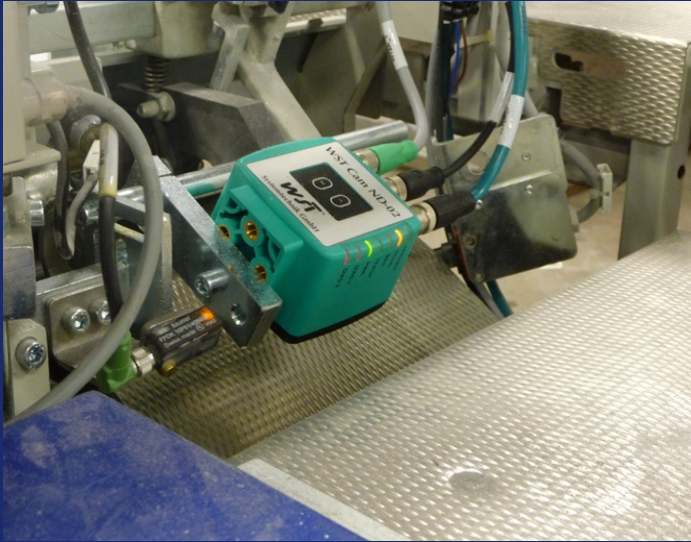


DGR Graphic

Error Impossible...

our OCS solution

Optical Control System



Kolbus ZU841

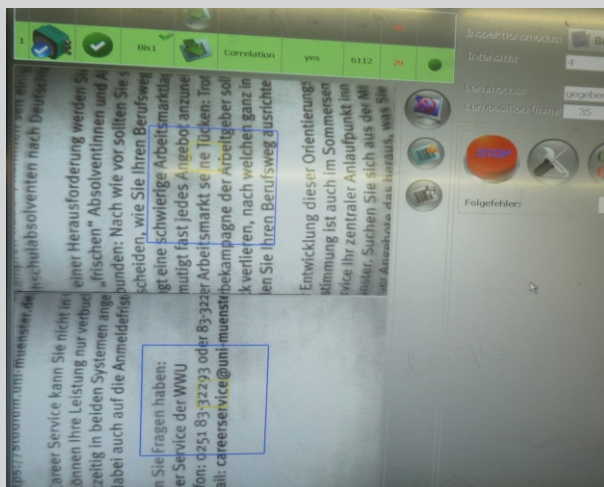
The idea

The **OCS** camera is designed to eliminate human errors, drastically reducing cost and meet the high quality demands of today. The newly designed high resolution camera **OCS** compares print images at it's highest standards. Optional the system is capable to switch into barcode mode and recognize the types 2/5 interleaved, Code128, Code39 and the pharmaceutical code. Needless to say, barcodes are the safest way to eliminate errors. No matter if image or barcode, the **OCS** will be a great choice for any task in the printing industry.

The concept

The high-resolution camera **OCS** was designed to set new standards when it comes to comparing print images. Optional it can also read barcodes to cover all needs in the printing industry. Compact design of the reading heads, realizes mounting it even in machines with limited space. Easy access and quick adjustments belong to the standard design of the **DGR** system. Together with the user-friendly touch screen computer, the **DGR OCS** presents a very practical configuration.

The capabilities based on the high-capacity are very versatile.



High resolution image of inspected signature

High resolution image control



Optional Barcode Types



2/5 Interleaved



Code39



Code 128



Pharmacode

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The application

Every mechanical holder is designed to adapt to the respective application. The user interface is intentionally developed to create an operator friendly use. Therefore any kind of adjustment can be realized easy and quickly. All located errors will be clearly represented on the monitor and signals i.e. for stopping the machine can be realized thru a defined interface.



Clear menu structure



Kolbus SAL Cover feeder

The modules

The **DGR OCS** can be set up with up to 60 high resolution cameras at the same time each in a 40 x 40mm (1.57" x 1.57") large reading pane with a production speed up to 13'/s. The Windows based **DGR 17"** touch screen monitor with a specific **DGR**-software connects thru a high-capacity network with the **DGR OCS** and is well arranged for user friendly menu navigation.

The result

No matter what the task is, the new designed high-resolution camera **DGR OCS** will inspect and compare printed images at the highest standard. Optional it will recognize and detect the barcode types 2/5 Interleaved, Code 39, Code 128 and the pharma code. The benefit of the compact design from the **DGR OCS** reading heads realizes mounting in wherever needed space at the user applications. DGR also made sure that the important fact having this quality control systems operation made as simple as possible giving logical and easy functions on the touch screen monitor.



Kolbus ZU804

- **User friendly** – The intuitive touch screen user interface combines clean layouts for best experience while limiting the menus for simple operation.
- **Technology** – high resolution camera for crisp and clean images with better performance when comparing images.
- **Durability**: Dust proven Ethernet connectors, robust housing and simple aligning of the camera
- **Options** – Barcode reading, remote service, I/O interface, reject function, cascade, etc.

DGR Graphic GmbH of Espelkamp, Germany has developed a revolutionary line of ShortRun Softcover and Hardcover book production equipment featuring extreme short change over without the need of make-ready parts.

Print Finishing Partners is the exclusive agent for **DGR** in North America.

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