# CGS ORIS — FLEX PACK

# Proofing and prototyping on original substrates

Color-accurate proofing
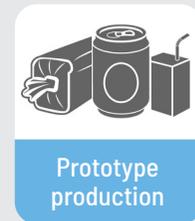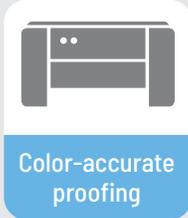
XG INKS

Prototype production

Shrink sleeves, uncoated labels and corrugated board – there are a lot of applications in the market where many users have been searching for a solution enabling proofing on original substrate, but up until now nothing suitable was available.

The new FLEX PACK system was especially developed for "direct-to-substrate proofing" in the packaging sector and offers everything you need to produce perfect packaging proofs and mock-ups quickly, easily and cost-effectively.

For this purpose, FLEX PACK supports the Mutoh ValueJet 628 MP, a digital piezo inkjet printer that was especially developed for the special requirements and needs of the packaging industry. Software and hardware are optimally matched and are supplemented by inks specially developed for this purpose.

The newly developed multi-resin XG INKS are characterized by their excellent adhesion and their unique stretching and shrinking properties and complete the system perfectly - for optimal proof results that are indistinguishable from the original.

## Benefits at a glance

- Unique system, especially developed for the production of color-accurate packaging proofs and mock-ups on original substrate
- Highly efficient and reduced cost to manufacture
- Patented, iterative 4D color management technology
- Perfectly tailored features and modules, e.g. for preflighting, soft proofing and certification
- Packaging-related spot color management: Ideal overprinting of spot color using spectral color information
- Easy to use, quickly integratable into existing workflows and infrastructures and connected to any other CGS ORIS application

**color your process**

# Proofing and prototyping on original substrate

## FLEX PACK – The software for packaging proofs and samples

The software was especially designed for the characteristics and highest requirements of the packaging industry. It is based on our patented iterative 4D color management technology and contains all functions and modules to produce various packaging proofs and packaging samples immediately, easily and cost-effectively.

Functions such as preflighting, soft proof and proof certification are integrated, and the program naturally has packaging-specific spot color management that converts spectral data natively and even simulates the overprinting of spot colors perfectly. Furthermore, cloud-based color databases such as the CGS ORIS CxF CLOUD or PantoneLIVE® can be integrated.

## FLEX PACK + Mutoh: Direct-to-substrate proofing

In this new version, FLEX PACK is combined with the **Mutoh ValueJet 628 MP.** This is a digital piezo inkjet printer that was especially developed for the special requirements and needs of the packaging industry.

This new solution is a real break-through for the industry, as it enables ‚ Direct-to-Substrate-Proofing', meaning true printing on original substrates – something many customers have been looking for since a long time.

In addition to printing on substrates such as shrink films and other extremely thin flexibles, the new solution is particularly suited for proofing on uncoated label stock or cardboard.

## Newly developed multi-purpose XG INKS

Unlike UV inks, the specially developed new **XG INKS** retain the look & feel and all other physical properties of the substrate, thus making it possible to create a proof or prototype which cannot be distinguished from the final product.

Currently, the printer is equipped with CMYK, Lc, Lm and white inks that cover a large color space. They are characterized by an excellent adhesion to coated and uncoated substrates, are non-toxic, odorless and have unique stretching and shrinking properties. This is particularly important for the production of shrink sleeves, as the distortion of the artwork can be checked in advance on the original shrink material.

Therefore, this is the ideal solution for those proofing applications where the use of transfer films with solvent-based inks or printing with UV inks is not optimum approach.

## Recommended system configuration

We recommend the following computer equipment for optimum performance and high throughput:

- Intel Core i7 6th generation or better
- 16 GB Memory (RAM) or more
- Non-partitioned SSD system disk with 500 GB or more
- Windows 10 (64 bit) or newer
- Internet Explorer 11 or newer

The exact hardware configuration depends on the type and number of output devices.

## Supported printers, file formats and measurements devices

On our website www.cgsoris.com you can find more about our solutions, read what users report and download all handouts.

## Further information

On our web site you

- find details about partner cooperation
- the new system and its components
- can download the mock up brochure
- get details about our other products and solutions.

## Contact

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