



IntelliPack

IntelliPack

Maximum **20 ink units**, perfecting press
IntelliSet Presetting System Software and License
IntelliLoop Color-Control Software and License
Press Interface PUPI
All In One Computer OPS Touch Screen
Screen Mount Ergotron
Stacklight High-visibility colored lights are activated to show quality status

part number:

XRRGPITPACK

[Order](#)



PUPI

Programmable Unified Press Interface

Rutherford PUPI proprietary interface couples the system all-in-one computer/touchscreen to the press console for reading and controlling ink-key openings, and for control of presetting and closed-looping; firmware based and can be supported remotely. Designed and produced by Rutherford, located in Dayton, Ohio USA

Touch Screen

All-in-One Computer

Intuitive interface for the press operator & easy installation. Ergonomic layout, Touch screen computer, 21.5 narrow bezel Full HD (1920 x 1080) Wide-angle viewing, Anti-glare, multi-touch screen. 1080p HD camera, Core i5 10400 / 2.9 GHz, RAM 8 Go, SSD 256 Go, TCG Opal Encryption, NVMe, UHD Graphics 630, Bluetooth 5.

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Softwares

part number:

XRRGPITPACK

IntelliSet

Rutherford IntelliSet includes a separate computer (the PreOPS) for automatically processing CIP or TIFF files sent from Prepress. The files are then sent to job folders in the PreOPS, ready for download upon selection by the press operators.

The system takes into account each individual key zone. If it is required create a uniform flatness on the sheet, all the fountain keys will not open in the same proportion. The IntelliSet software applies learned, individualized curves for each ink key to achieve this result. Repeated learning takes into account the aging of the press as well as paper type, to maintain pre-setting accuracy better than 93%.

Once the pre-setting step is completed, the focus is now on maintaining the right color throughout the run: it

IntelliLoop

Once the pre-setting step is completed, the focus is now on maintaining the right color throughout the run: it is the role of IntelliLoop in conjunction with X-Rite measuring devices to accomplish this.

When the press operator measures a press sheet, data is sent to IntelliLoop, which proposes a correction that the operator has the choice to accept or reject.

The measurement data, fountain-key openings, and proposed corrections appear very clearly to the operators, who know best which decision to make. The touch interface is simple and well thought-out for the press operator.

Light or pastel colors optimization: dedicated curves for light or pastel colors to have the best efficiency even on these colors (0,001 density accuracy)

Extended (or expanded) gamut optimization (special curves for green, orange, violet colors)

Special feature for automation and accuracy: « copy and paste » targets, target per ink key.



IntelliPack Included



Stacklight

Optimize the timing of your measurements for quality color management and stability of production. High-visibility colored lights are activated to show quality status



Perfector

For perfecting press



Wide Presses

For 56" and 65" ITX



SVF File Export

Permits SVF files to be exported to a specific folder structure on the local hard drive or any accessible network drive. A filename pattern can be specified which controls the formatting of the filename and the final output location.



SOAP File Export

A generic SOAP (Simple Object Access Protocol) file can be exported from IntelliSet.



PreOPS Server

For processing prepress files such as CIP and TIFF at a location separate from the On-Press Station (OPS). Typically located in prepress. Used in plants with two or more presses. (Hardware not included)



Interface for Heidelberg CP2000 console

For up 10x faster than the standard interface



Metallic foil metpol

Capability to manage white under-print on metallic foil metpol and other substrate



Pantone optimization

(special curves for Pantone colors)

Measuring Devices

x-rite PANTONE®

IntelliTrax2



Ultra-Fast Automated Press-Side Color Control

To remain competitive, printers and packaging converters must focus on reducing make-ready time and waste, and minimizing errors and rework. Managing color by eye and/or depending on ink density measurements will not deliver these requirements. By introducing IntelliTrax2 into the press-side quality control process, printers and packaging converters can assure optimum color quality, fast make-ready, and reduced waste.

Benefits

Scan results appear on system screen instantly so press operators can quickly invoke closed-loop color action, even before color drift is visible to the human eye.

Measures process colors, spot colors, PANTONE® colors, paper color, tone value increase, gray balance, and ink density in less than 10 seconds.

Scanning head does not contact the substrate

Supports the majority of global graphic arts standards, including M1 to accommodate optical brighteners, M3 for measuring wet ink and full support for GRACoL, SWOP 2013, PSO, and FOGRA 51 and 52.

Directly accesses the **PantoneLIVE** database for accurate spectral target values for corporate and other spot colors and can exchange job data with **ColorCert**.

One Instrument, Ultimate Flexibility.

With a push of a button, the eXact Auto-Scan minimizes human error when scanning to maximize speed, reduce rework, and deliver a finished product that meets your customers tight tolerances.

Improve Color Quality

Enhances spot color handling with creation and management of standards and color libraries on your device. Reduces variance among your instruments and verifies and/or profiles your device anytime on site with the addition of NetProfiler software

Reduce Material Waste

Fast, press-side, fully-automated capabilities (readings under 15 seconds), results in a reduction in waste and increased profitability. Increases workflow productivity by running jobs to specific targets and standardizing your production process

Provides immediate, comprehensive reporting of color data through Bluetooth technology, allowing you to make prompt adjustments to the press run

Expand Your Workflow

Integrates with closed loop and third-party solutions such as Rutherford.fr to deliver a mid-range solution for ink key control adjustments. Incorporates into your current workflow.

x-rite PANTONE®

eXact Auto-Scan



Setting the Standard for Color Measurement

Specifically designed for printers and packaging converters, the eXact Standard is the market leading spectrophotometer to validate the color of CMYK and spot color inks. It leverages job-based tools with industry color standards to increase press process control and connects with PantoneLIVE and NetProfiler to maximize color accuracy within the workflow.

Streamline Jobs on Press with Print Standard Support

The eXact Standard doesn't just provide density metrics and colorimetric value functions, it also supports all industry print standards: G7, ISO, PSO, and Japan Color. Plus, the BestMatch feature offers guidance to help you achieve a closer match to a specific color standard by adjusting ink on press.

Best in Spot Color Support

The eXact Standard offers the ability to create and manage standards and color libraries directly from the device for enhanced spot color handling. It also delivers direct and seamless access to the latest Pantone libraries and PantoneLIVE standards with an optional license.

x-rite | eXact



Features & Capabilities

Intelli**Pack** Intelli**Press2**

White under-print on metallic foil Capability to manage white under-print on metallic foil Metpol and other substrate	✓	-
Manage light colors , able to reach a 0,001 tolerance	✓	-
Pantone optimization	✓	-
Preset accuracy reports viewed remotely with a web browser	✓	-
Density-range bar-graph screen—Shows range of densities across each fountain for each scan (Good for system performance review)	✓	-
Jobs can be recalled to review system performance	✓	-
RG-MultiView display on large format monitor. All system apps shown simultaneously and in real time.	✓	-
RG-Proof —for viewing HD proof at the system touchscreen for verification and content proofing	✓	-
RG- Stack Light —Colors light up to show various statuses: when it's time to scan and pass-fail threshold alerts	✓	In option
CIP files for all presses sent to a single Hot-folder in the system server computer, typically located in prepress department	✓	Prepress drops files into separate hotfolders, located at each press
Presetting system can use CIP3, CIP4, JDF, TIFF and VPS files	✓	✓
Learning feature in presetting system keeps a separate history file for each paper type, maintains a unique presetting curve for every key on the press	✓	✓
Rollback feature —Can roll back to the ink-key openings associated with any previous scan	✓	Only the key openings from the most recent scan are shown
Density targets can be assigned to individual or groupings of keys on any color while a job is being run. Resets to defaults when new job is set up	✓	Density target changes apply to all keys across the fountain selected
Separate system server computer	✓	✓

	Automatic or manual command	Automatic or manual command
Reads all key openings and sweeps immediately after a scan —manual moves at press console do not affect system key-move accuracy		
Display actual key openings and sweeps in percentages	✓	✓
Operator can preview what the new key openings will be after a scan; can accept or reject such moves	✓	✓
Adjustable color correction strengths for makeready and production modes; selection is automatic	✓	✓
Preview Presets —Transparent bar graph overlaid on plate image. Sweep values are also shown	✓	✓

”For more informations, please contact us or your regional reseller.”

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