

# **imagePRESS Advanced** **AUTOMATION MODULES**



**Canon**

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# QUICK AND CONSISTENT PROFESSIONAL QUALITY, WITH ADVANCED TECHNOLOGY

In a professional print environment, it's vital to ensure every page you produce is perfect. But quality assurance is often an incredibly time-consuming and labour-intensive process – requiring hours of inspection, manual adjustment and reprinting. Now, thanks to two additional automation options supported by the imagePRESS C10010VP Series and C910 Series,\* you can take the time and effort out of manual setup and quality checks.



## THE INSPECTION UNIT

### Maintain professional quality without the time and expense of manual checks

The Inspection Unit checks every sheet for dust, stains, streaks and other flaws, with adjustable precision levels. It also inspects for issues importing variable data. It can then automatically reprint any flawed sheets when required, to provide a full stack of perfect prints.

### Eliminate manual inspection time

Manual inspection usually requires a highly qualified operator to spend significant time checking each page for defects – an expensive process still prone to human error. Let the Inspection Unit handle this process for you, saving time, while maintaining accuracy.

### Ensure perfect prints every time

With incredible accuracy, the Inspection Unit can detect imperfections as small as 0.2 mm, including errors in variable data, without slowing down printing so you can ensure each page is consistently free from flaws.

### Optimise quality and resource use through priority inspection areas

Operators can tailor inspection sensitivity for different details on the print, using up to 64 inspection zones on each sheet with nine possible levels of sensitivity. This helps you avoid wasting resources on unnecessary reprints, without compromising on the details that matter.

\*The imagePRESS C910 Series supports Sensing Unit only.

## THE SENSING UNIT

### Ensure consistent printing across every page

The Sensing Unit automatically adjusts and monitors of front-to-back registration and colour tone before and during print, continuously adjusting on the fly to ensure consistency with the job settings.

### Be print-ready at the press of a button

Before printing, the Sensing Unit can complete pre-print colour density adjustment and front-to-back registration through a single click on the user interface, so you can start printing in minutes.

### Maintain consistency during print

The Sensing Unit checks every single sheet and adjusts settings for colour quality and front-to-back registration during print to maintain consistent results across the print run, without operator intervention.

### Boost productivity

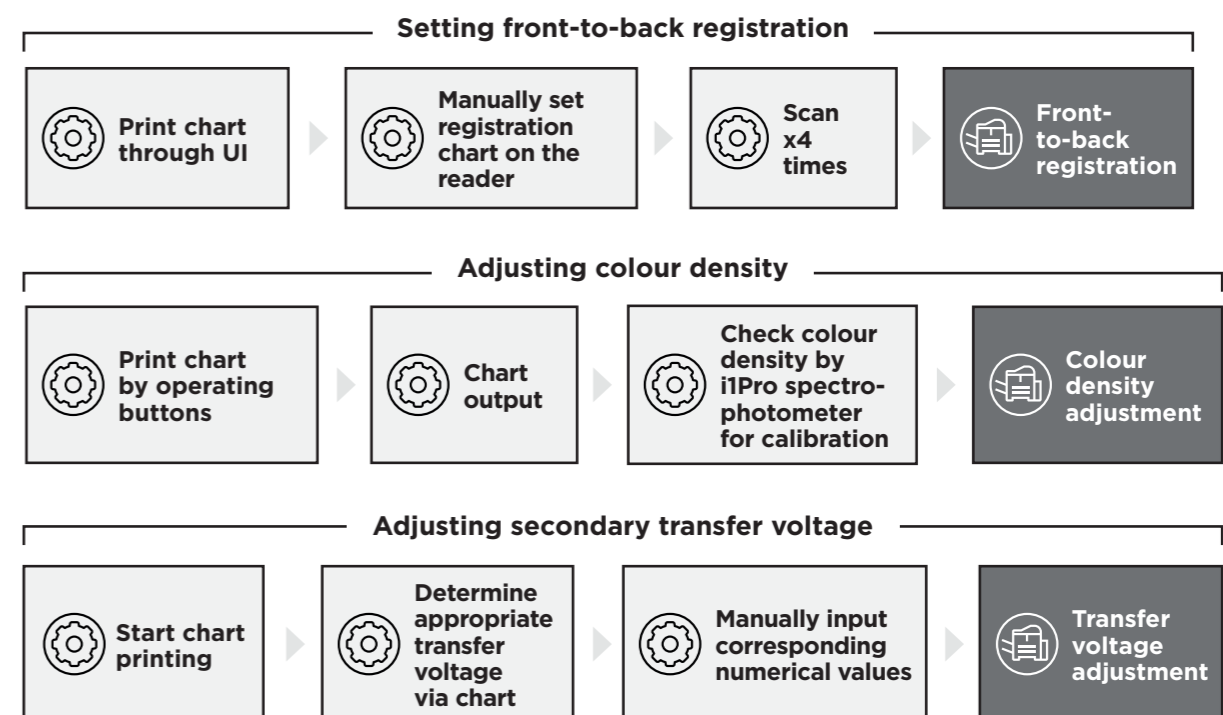
By automating setting and adjustment of colour, density and front-to-back registration before and during the print run, the Sensing Unit saves time for operators to focus on other important tasks, without compromising the quality of your printed outputs.

## WITH SENSING UNIT



The Sensing Unit automatically adjusts and sets colour density, transfer voltage and registration

## WITHOUT SENSING UNIT



## INSPECTION UNIT

|   |  |
|---|--|
| Face  | Both sides   |
| Minimum detection size                          | 0.2x0.2 mm   |
| <b>INSPECTION WORKSTATION - INSPECTION TOOL</b> |  |
| OS  | Windows 10 Pro   |
| Mode  | Log only mode, Purge Mode and Recovery Mode  |
| Inspection Location                             | 64 zones for image and 60 zones for variable data inspection per sheet                                   |
| Level   | 9 levels   |
| Objects   | Position gap; dot or streak of dirt; OCR, barcode, alphabetical and numerical data and 8 special symbols |
| Auto Recovery                                   | Yes (Purge and recovery mode only)   |
| DFE   | PRISMAsync/Fiery   |
| Purge unit                                      | High Capacity Stacker  |
| Power Supply                                    | 100-240V, 50/60Hz, 1.4A  |

## COOLING UNIT

|              |                             |
|--------------|-----------------------------|
| Type         | Heat absorption belt method |
| Power Supply | 100-240V, 50Hz/60Hz, 1.5 A  |

## SENSING UNIT

|   |   |
|---|---|
| Print margin for registration adjustment mark | <b>Cross track direction:</b> 9.21 mm (3.5 mm Print Margin) + 4.71 mm (Registration Adjustment Mark) + 1 mm (White Area) <b>Paper feed direction:</b> 9.5 mm (4.0 mm Print Margin) + 4.5 mm (Registration Adjustment Mark) + 1 mm (White Area) 0.2x0.2 mm |
| Print margin for gradation adjustment patches | <b>Cross Track Direction:</b> 8.5 mm (5.4 mm patch area) + 0.6 mm (from patch to print data) + 2.5 mm (Print Margin, paper width < 327.8 mm, longer if paper width is more than 327.8 mm e.g. 13 inch: 3.7 mm)  |
| Interrupt - Interval                          | 50 - 9,999 page<br>(imagePRESS C10010VP Series default: 1,000 pages)<br>(imagePRESS C910 Series default: 250 pages)   |
| Interrupt - Number of interrupt sheets        | 3 sheets  |
| CIS Resolution                                | imagePRESS C10010VP Series: 300x250 dpi<br>imagePRESS C910 Series: 300x600 dpi  |
| Power Supply                                  | 100-240V, 50Hz/60Hz, 2.5A   |



### IMPROVE QUALITY

Automation reduces the risk of human error, so you can maintain a greater level of quality and consistency across long print runs.



### FOCUS ON VALUE

Eliminating manual processes also frees up time for your staff to focus on value-add tasks, such as design and finishing.



### ACCELERATE PRINTING

Automatic adjustments before and during printing with the Sensing Unit and immediate reprinting of faulty pages with the Inspection Unit help you get the right prints out more quickly, improving productivity.



### STAND OUT

Differentiate yourself from competitors and win new business by delivering the highest level of quality printing, every time.