Prinect Easy Control

The standard color measurement system for safeguarding production

For commercial printers, Prinect® Easy Control is the ideal entry into precise color measurement. Integrated in Prinect Press Center™ to save space, the system is conveniently operated from the press touchscreen and therefore does not restrict the available working area. Prinect Easy Control measures spectrophotometrically in the print control strip and is connected online to the press’s ink zone control system. If a color deviation is indicated, the ink zone openings on the press are adjusted automatically in a single operation, without the printer having to access or recalculate color data. This enables the required colors to be achieved much faster, prevents waste, and helps the environment.

Prinect Easy Control can be used for straight and perfecting printing on all Speedmaster® presses equipped with Prinect Press Center Compact and can also be used on Speedmaster models SX 52 and SX 74 with up to six inking units, equipped with Prinect Press Center.

Spectrophotometric measurement for accurate results • Only color values measured spectrophotometrically enable a definitive comparison with proofs or digital prints, accurate control of spot colors, and compliance with standards such as ISO 12647-2. Prinect Easy Control achieves this by measuring in print control strips with 5 × 6 mm (0.20 × 0.24 in) measurement patches. Prinect Dipco Elements are included in the scope of delivery. These print control strips are designed so that all colors can be controlled simultaneously for each ink zone.

In addition to polarized densities and tone values for CMYK, unpolarized colorimetric L*a*b* coordinates according to standards, the color deviation ΔE, and information on slurring and doubling are also displayed. The printer is also informed whether the color he is looking for can be achieved at all with the actual ink in the ink fountain. This eliminates any potential complaints before printing even starts.
Maximum utilization of the sheet • Prinect Easy Control has a freely positionable measuring head, which enables flexible placement of the print control strip for optimum sheet utilization. This is a great advantage, for example, with perfecting printing or when printing repeat jobs and folding cartons.

Accurate reproduction of color samples
When printing company logos and packaging, it is essential to achieve the exact colors specified. Prinect Easy Control does this by measuring the color values of a sample and saving them as a reference in the color archive – no matter whether they are print sheets, color samples or proofs. The reference value can be reproduced for all subsequent jobs.

Simple operation • Prinect Easy Control benefits from straightforward, user-friendly touchscreen operation at Prinect Press Center. If a sheet is to be measured, it is usually placed on the viewing table at the control station and fixed in place mechanically. The printer uses laser focusing to position the measuring head manually at the level of the print control strip. The measuring run is started at the touch of a button, with the measuring head traveling over the strip automatically.