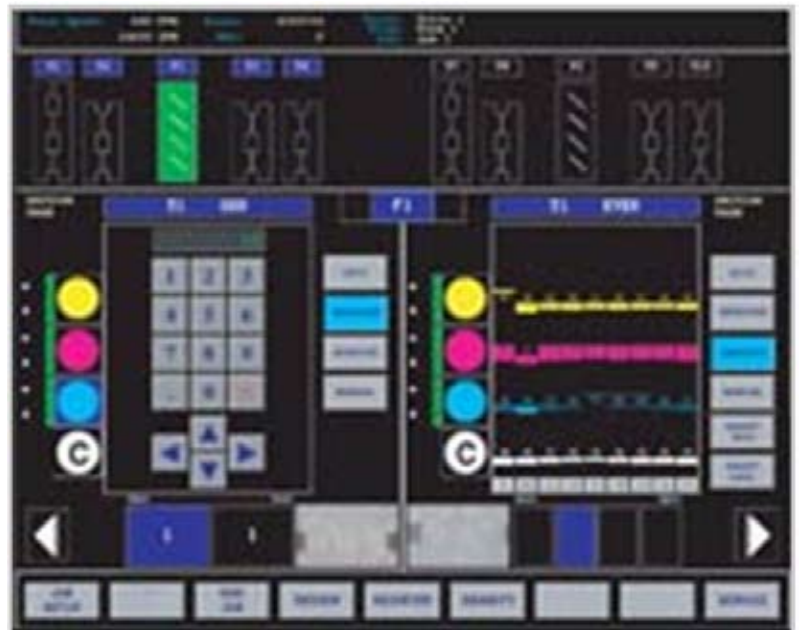


Web Printing Controls: CLC Plus

CLC Plus is an inline system for combined colour and register control that, according to the manufacturer, lowers waste, improves quality and increases productivity.



CLC Plus is operated via a large touch screen.

In brief

■ **System name:**

CLC Plus

■ **Manufacturer:**

Web Printing Controls,
www.wpcteam.com

■ **Measuring device:**

CCD sensor

■ **Measuring position:**

Grey balance measuring strip (+ microdots for register measurement)

■ **Function:**

The traversing sensor localises the measuring patches in the running web and controls colour on that basis; register is also controlled at the same time

Web Printing Controls in Lake Barrington, IL, USA, specialises in control systems for press automation. CLC Plus has been used for years in the commercial printing sector and now Web Printing Controls has started to position its product also in the newspaper market. CLC Plus works with a CCD sensor to control colour density and colour register in the running web in a single operation. For this purpose, a special grey balance measuring strip for colour control with integrated microdots (CCR microdots) for colour register control is used.

According to the manufacturer, system users can expect significant waste economies. In an 18-month field test, savings of 1.5% on the total waste were recorded.

Special features of the system and advantages for the user

The special features of CLC Plus include:

- Combined colour control and colour register control in *one* device
- Minimum operator workload; the system automatically locates the colour control strips
- Small register marks and solids
- Measuring head cleaning system (Total Air Purge) for a clean lens
- Self-calibration
- Touch screen control with 17 inch colour monitor
- Scratches in control strips are recognised and excluded from the evaluation
- Robust transport mechanics for the sensor
- Numerous reporting functions for demonstrating quality to customers, fault identification, maintenance.