

## KeyColor E Ink Desks

### Remote Ink Control System

The KeyColor E has been designed as an economical KeyColor controller for table top use or installation into an existing ink desk. The KeyColor E provides all the capabilities available with any KeyColor Ink Desk.

Advanced electronics and AutoSet software provide the ability to accurately preset the ink keys from an image setter, CTP system, or Plate Scanner.

AutoKey software is the interface with color measurement systems that enables closed-loop color control for web or sheet-fed applications.

Featuring a menu driven, MS Windows™ style operator display on a large TouchScreen, the KeyColor E is easy to learn and easy to use.

All KeyColor E functions are quickly accessed through drop down menus on the display screen. The TouchScreen displays Ink key positions and current job information for the selected SmartFountain.

Key settings can be quickly adjusted from the key zone rocker switches or by using the TouchScreen. Simply touching the desired fountain icon on the screen rapidly selects the next fountain for adjustment.



All SmartFountains on the press are driven concurrently to provide rapid presetting and job recall. Individual ink keys are adjusted as rapidly as the operator inputs changes at the Ink Desk.

In shops with multiple presses, KeyColor E Ink Desks can be networked to a central server allowing any job to be recalled to any similar press.

KeyColor E systems can store thousands of jobs on the internal hard drive, ready for rapid make-ready of repeat work.

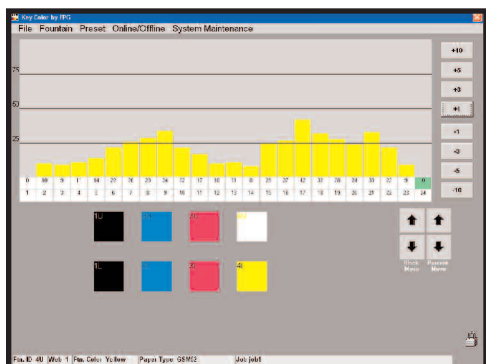
Advanced engineering permits KeyColor E to be configured to meet your specific requirements, yet the simplicity of design assures rapid installation. In most cases, installation can be made during normal press downtime. With modular design, maintenance is easy, and the included modem capability allows on-line support.

The KeyColor TouchScreen provides the press operator with a clear display of key settings and job information. The screen layout is customized to reflect the layout of each press and any additional controls, such as ink ball and water that are installed. System functions are accessed through familiar MS Windows style drop-down menus.

When a fountain icon is touched, the display instantly displays the current settings for the keys on that fountain. Keys can be adjusted from either the key zone rocker switches or by selecting and adjusting keys directly on the TouchScreen.

If ink ball and/or water controls are installed, the screen will display the current settings for the selected fountain. Adjustments can be made using the rocker switches on the ink desk or from the TouchScreen.

For larger applications, especially those on presses printing newspapers, AutoPage page-based software is available.



AutoPage is a user-friendly interface that displays job pagination and allows the operator to select fountains by page to adjust color.

All KeyColor Ink Control Systems incorporate Smart Fountains with digital control from a high-speed industrial computer. The Smart Fountain actuator array is gasket-sealed in a rugged steel housing and can be rapidly mounted on an existing press, without machining, usually during normal press downtime. The “Smart Fountain” can be used with solid or segmented blades, as well as sliding blocks.

The “Smart Fountain” houses the electronics which provide the digital interface from the console to the individual actuators. All Smart Fountains on the press are driven concurrently so that all ink keys are adjusted as soon as moves are input to the ink desk. The EPG actuator is a 12 VDC motor driven unit rated at five lb-in. The precision potentiometric control in the multiplex circuit maintains accurate actuator positioning. The KeyColor design with unique manual over-ride also allows adjustment of an ink key to be made quickly and easily at the fountain without loss of calibration.



All KeyColor Systems carry a three-year parts warranty.