

COATING, PROOFING AND PRINTING PRODUCTS

We offer a selection of equipment used to produce repeatable samples of most surface coatings. These samples may then be used for quality control and presentation purposes, for research and development, and to obtain computer color matching data. Major users of these units include flexographic, rotogravure and lithographic printers, printing ink manufacturers and suppliers of pigment, resin and dyestuff, textiles, adhesives, papers, films, foils, medical and pharmaceutical products.



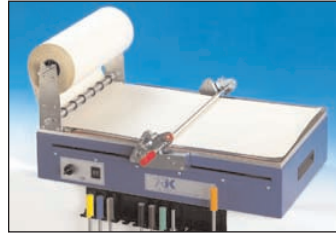
K Hand Coater

For use with rotogravure or flexographic inks, the K Hand Coater provides a simple but effective means of applying liquid inks onto many substrates, including paper, foils, plastic films, metal plates, board, glass plates and wood. Two or more coatings can be applied side-by-side in a single operation, making the system ideal for comparing products. A video of this unit in use is available.



K Control Coater

Use this unit with rotogravure or flexographic inks to produce accurate and repeatable samples of surface coatings of liquid printing inks, adhesives, varnishes, paints, etc. on a variety of substrates. It is recommended where repeatability is essential (for example, in computer color matching) or when various operators are using the same machine. A video of this unit in use is available.



K303 Multi-Head Coater

Basically similar to, but bigger than, both the K Control Coater and the K Printing Proofer, the K303 Multi-Head Coater can be supplied with a metering bar coating head as shown above and with flexographic or rotogravure printing heads. All the heads are fully interchangeable within minutes for use with a variety of substrates, making it the ideal unit for multiple application requirements.



K Printing Proofer

Produce high-quality proofs using flexographic, rotogravure or rotogravure offset inks in an instant with this unit which features electronically engraved printing plates and variable high printing speeds up to 40m/minute. Two or more inks may be printed simultaneously. Can simulate printing of 160, 200, 240, 300, 360 and 400 lines per inch. A video of this unit in use is available.



Manual KLOX Proofer

This unit provides the simplest method of applying flexographic inks and other fluid coatings on any substrate to produce repeatable proofs that closely resemble conventional flexographic printing. It features fully interchangeable engraved rollers up to 500 lines per inch for controlled ink film thickness and repeatable density. It is an essential tool for ink makers and printers. A video of this unit in use is available.



Automatic KLOX Proofer

This is the automatic version of the Manual KLOX Proofer. It ensures constant speed and pressure to produce highly accurate and repeatable flexographic proofs. This model is recommended where repeatability is critical (for example, in computer color matching) or when various operators are using the same machine. A video of this unit in use is available.



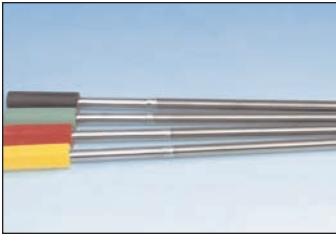
Esiproof

A portable manual unit to produce solid or halftone flexographic proofs quickly and economically, the Esiproof is unique in its use of a doctor blade on the anilox roller, enabling proofing of fine tones and higher viscosity inks such as UV-curing flexographic inks. It is equipped with a spring pressure control to help insure even ink distribution and with ceramic anilox rollers up to 850 lines per inch.



Flexiproof 100

A high-speed and operator-friendly machine for the production of proofs which uses water- or solvent-based or UV flexographic inks, this unit (shown with the optional UV-curing device) is an essential tool for all those involved in the manufacture and use of flexographic inks. It is ideal to set standard test procedures, to print on film, paper and foil, and to determine scratch resistance, wear resistance, flexibility and gloss.



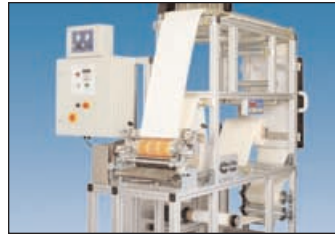
Wire-Wound Bars

Creating drawdowns with precision wire-wound bars is an economical and effective manner to produce proofs with a minimum amount of effort and investment. Drawdowns aid in determining ink thickness, coverage, substrate penetration, and compatibility and adhesion to the substrate. We supply bars for any production machine.



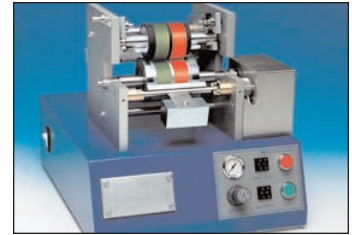
Rotary Koater

This versatile unit offers more than 15 different printing and coating systems. It is used for small-scale production, as a pilot coating machine and as a research and development tool to enable the testing of different formulations, substrates, processes, etc. A video of this unit in use is available.



VCM-300

Used for research and development and for pilot and production applications in the printing, security, LCD displays, medical dressings and diagnostics and polymeric semiconductors industries, every machine uses modular construction and is custom-designed and -manufactured to meet the requirements of each individual customer.



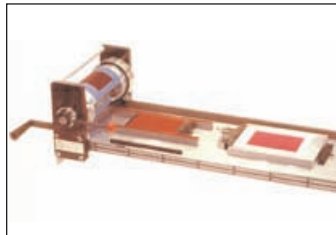
Paste Ink Proofer

A proof press for fast, repeatable color matching of lithographic, web offset and letterpress inks, this unit is designed to compare a new batch of ink to the standard sample or print. It uses an automatic ink metering system, eliminating the need to weigh or measure ink samples. A video of this unit in use is available.



Orange Proofer

The Orange Proofer Printability Tester produces color strips which are suitable for many quality control purposes, such as the measurement of color with color measuring instruments, color matching systems, establishing color and density tolerances, visual appraisal, and determining coverage, scratch resistance, wear resistance, flexibility, adhesion, gloss, etc.



Little Joe Proofing Press

An economical manual unit used by offset printers, ink manufacturers and pigment producers for quality control purposes, this offset proofing press helps printers match customer color samples and speeds color matching by checking printability, tack and picking. It features quick wash-up and change-over from color to color and is available in one- or two-color models.



Paste Ink Hand Coater

The use of this manual coater is an effective, economical manner to make ink drawdowns for quality control purposes on a variety of stocks. The kit contains everything that is necessary for your ink proofing projects. You can select from a polyurethane roller for oil-based paste inks or a Buna-N roller which is recommended for UV-curable inks or solvents.

Selection Guide Codes

BAR	Bars
ESI	Esiproof
FLX	Flexiproof 100
FLX-UV	Flexiproof 100 with UV-Curing Unit
KCC	K Control Coater (K101/K202/K303)
KHC	K Hand Coater
KLOX	Manual and Automatic KLOX Proofers
KPP	K Printing Proofer
LJ	Little Joe Offset Proofing Press
OP	Orange Proofer
PIHC	Paste Ink Hand Coater
PIP	Paste Ink Proofer
ROKO	Rotary Koater
VCM	Versatile Coating Machine

Selection Guide

Application	Gravure Inks	Flexo Inks	UV Flexo Inks	Offset Inks	Adhesives and Other Coatings
Samples for color matching	BAR, KCC, KHC, KPP	BAR, ESI, FLX, KCC, KHC, KLOX	ESI, FLX, FLX-UV	LJ, OP, PIHC, PIP	Not available
Samples for customer approval	KPP, ROKO	BAR, ESI, FLX, KCC, KHC, KLOX	ESI, FLX, FLX-UV	LJ, OP, PIHC, PIP	BAR, KCC, KHC, ROKO
Printability testing	KPP, ROKO, VCM	FLX, KPP, ROKO	ESI, FLX, FLX-UV	LJ, OP, PIP	ROKO, VCM

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