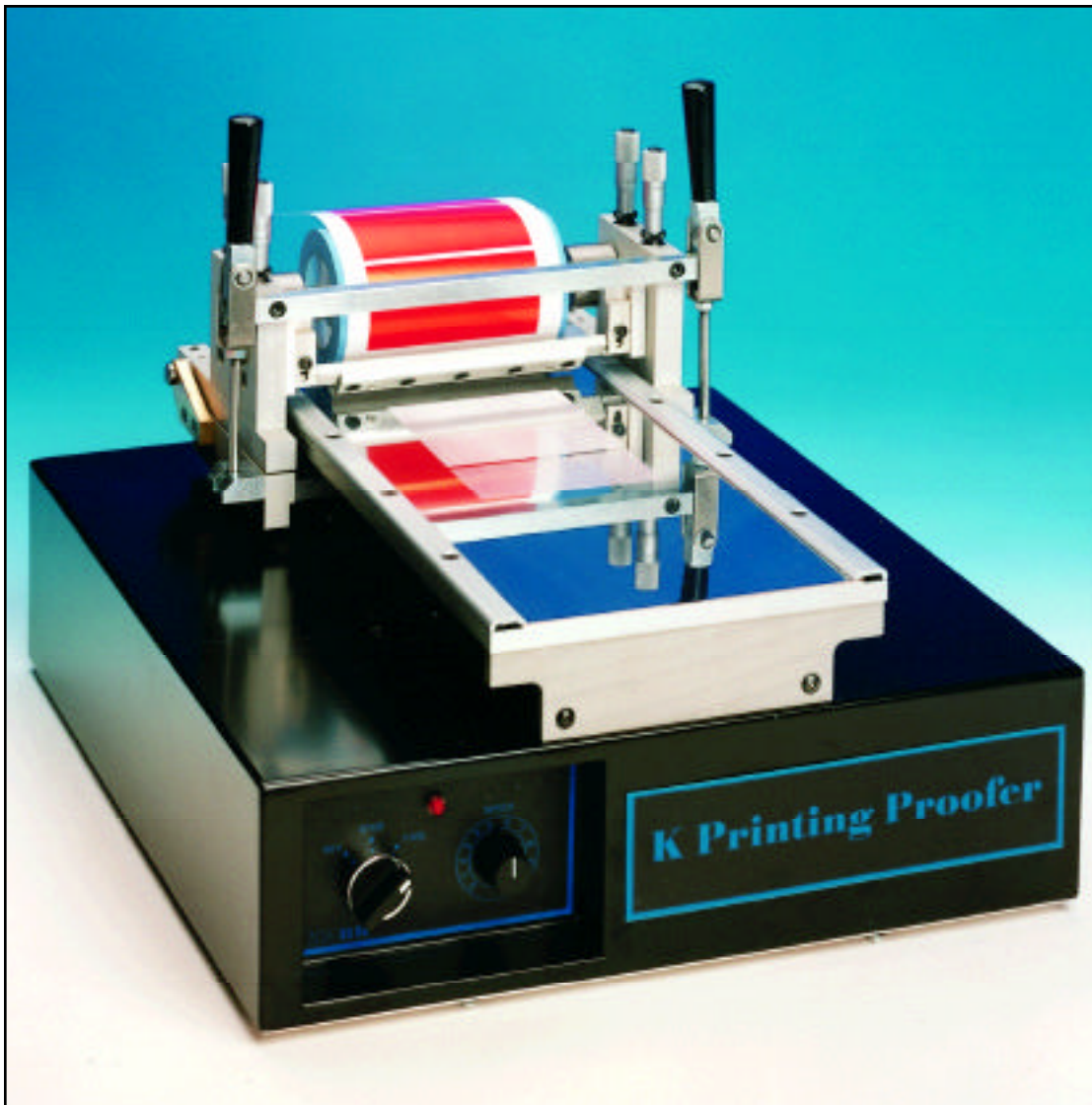


K PRINTING PROOFER

High quality proofs using gravure, gravure-offset or flexo inks are produced in an instant with the K Printing Proofer. Featuring electronically engraved printing plates and variable high printing speeds up to 40m/min, it is an essential tool for all those involved in the manufacture and use of liquid inks. Ideal for quality control and presentation samples, R&D and computer colour matching data.

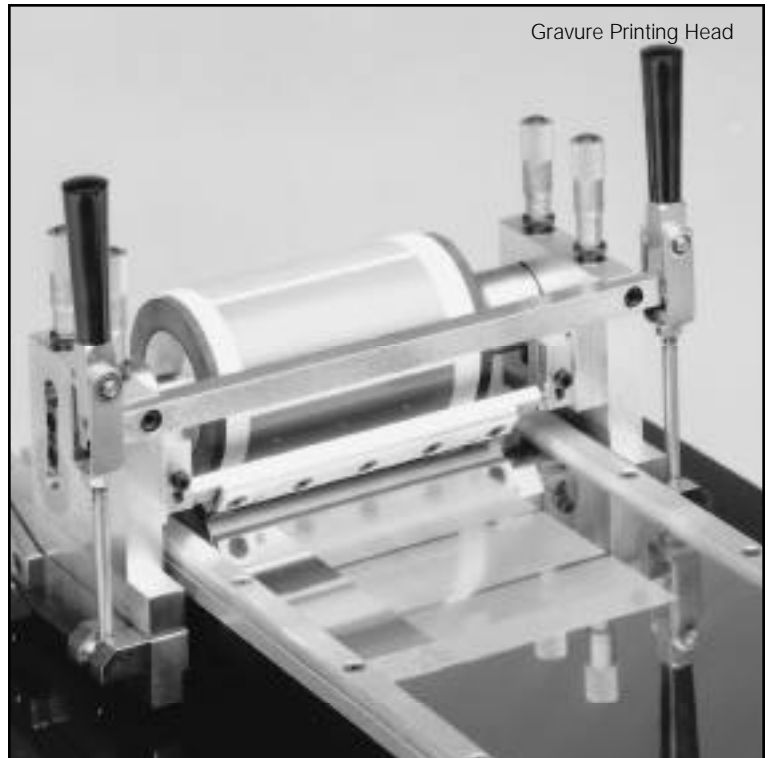


MAIN FEATURES

- Variable printing speeds up to 40m/min enable use of press viscosity inks.
- Any flexible substrate including films, board, aluminium foil, PVC etc can be printed or laminated.
- Excellent printability is ensured with fine micrometer control (0.01mm) of impression and doctoring settings.
- Two or more inks may be printed simultaneously for comparison purposes and registration is included for overprinting.
- Very easy to operate and only occupies a bench space of 400 x 500mm.

GRAVURE

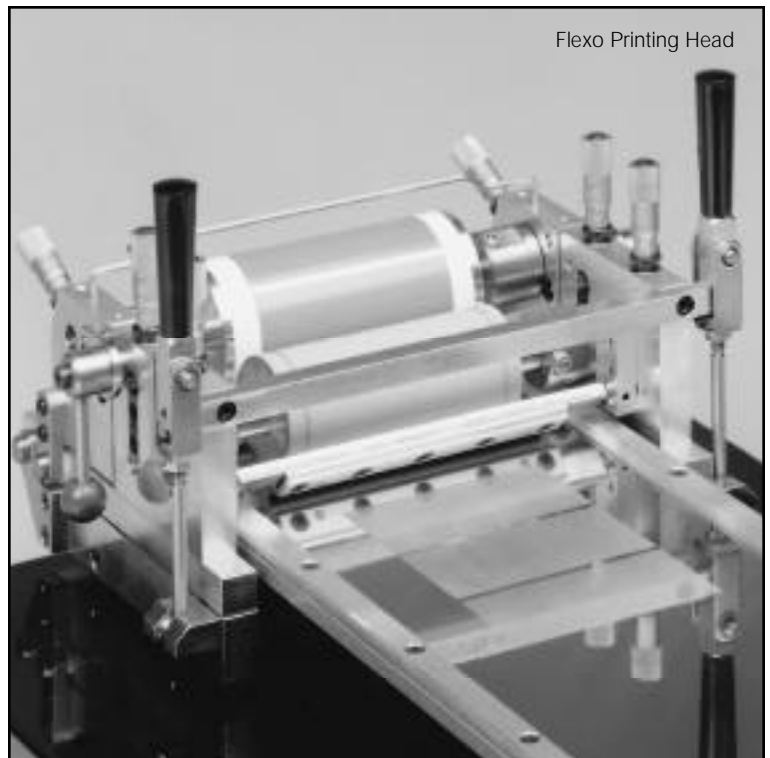
Ink is transferred from an electronically engraved printing plate directly onto the substrate which is attached to the rubber covered impression roller. Doctor blade and roller adjustments are made via micrometers allowing repeatable settings for future tests. Ideal for colour matching and quality control, one or more colours can be printed side by side in one operation.



FLEXO

With the flexo head fitted, the ink is transferred from the printing plate to a plain or patterned stereo roller and then onto the substrate.

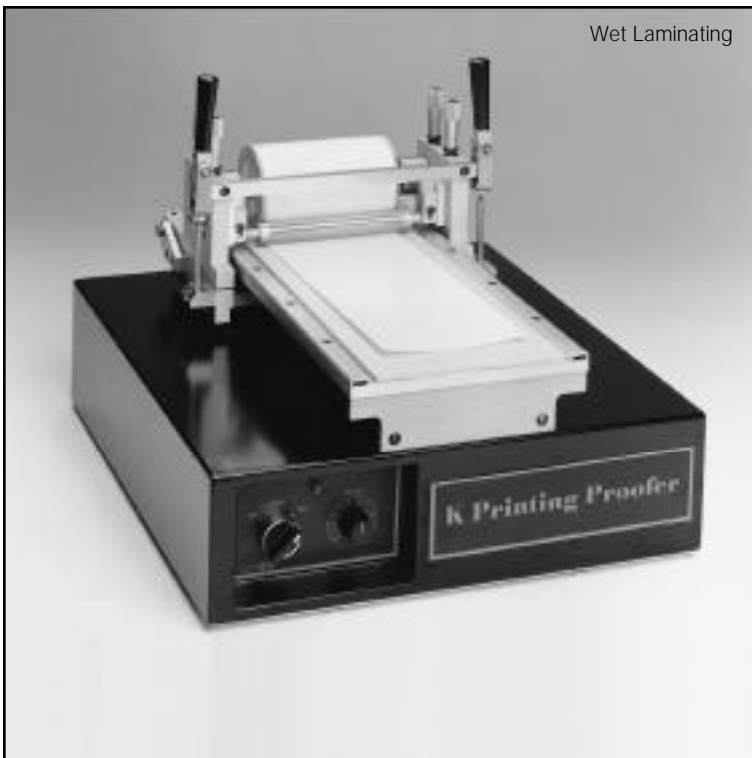
Micrometers are again provided for roller and doctor blade adjustments. Plain or step wedge plates are available corresponding to the various densities required for flexo printing.



GRAVURE OFFSET

The flexo head is employed, fitted with a plain rubber covered offset roller to transfer ink from the plate to the substrate. A machine supplied with the flexo head fitted can therefore be used for both techniques with the possible addition of an alternative stereo/offset roller and printing plate if required.

LAMINATING



Both wet and dry laminated samples can be produced on the machine using the gravure head with K-Lam laminating accessories. These accessories include a rubber covered bed and wired K-Lam bars which are fitted in place of the doctor blade assembly to control adhesive coating weight.

The illustration shows the machine prepared for wet laminating where both substrates are fixed to the rubber bed and arranged as shown. Adhesive is applied in front of the K-Lam bar and the machine then coats and laminates in one operation.

Dry laminating is carried out in two phases. The adhesive is coated onto one substrate and after evaporation of the solvent, the second substrate is laminated to it.

CLEANING

The essential job of cleaning various machine components following each proofing run has been simplified by careful design. Illustrations below show the machine fitted with gravure head (left) and flexo head (right) with the heads pivoted back to the cleaning position. It will be seen that the printing plate, rollers and doctor blade are all exposed and easily accessible.

