

GP100 GRAVURE PROOFER

Instantly produce high-quality gravure ink proofs with press viscosity with the GP100 proofer



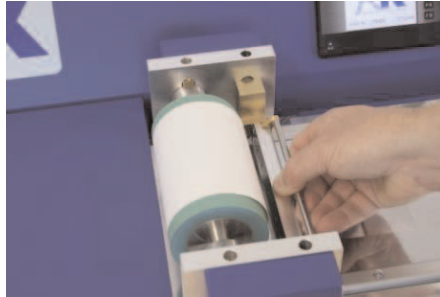
The GP100 includes a microprocessor controlled servo drive and pneumatic operation, electronically engraved printing plates and variable printing speeds of 1-100m/min. This is an essential tool for all those involved in manufacturing or using liquid inks. It is ideal for R&D and computer color matching data, quality control and presentation samples.

Gravure



Ink is transferred from an electronically engraved printing plate directly onto the substrate, attached to the rubber impression roller. Doctor blade and roller adjustments are made pneumatically, allowing repeatable settings for future tests.

Cleaning



The essential job of cleaning various machine components following each proofing run has been simplified by careful design. The illustration (above) shows the doctor blade being removed for cleaning. The printing plate and impression roll are easily accessible for cleaning.

Printing Plates



The GP100 uses the same electronically engraved printing plates used on the well-known K Printing Proofer and are manufactured in exactly the same way as production cylinders. A choice of one or more of the standard available plates will normally be satisfactory but special plates (including those with a logo and/or company details) can be supplied with a maximum engraved area of 6.3x3.74"/160x95mm.

A. Solid area plate
100 lines per inch/40 lines per cm
Density 100%
150 lines per inch/60 lines per cm
Density 100%
200 lines per inch/80 lines per cm
Density 60%

B. Single 3-wedge plate
150 lines per inch/60 lines per cm
Density 100-80-60%

C. 1+4 wedge plate
150 lines per inch/60 lines per cm
Density half area 90% and adjacent step wedges 100-90-80-70%

D. Double 8-wedge plate
150 lines per inch/60 lines per cm
Density 100-95-90-85-80-75-70-60%

Benefits



The GP100 is easy-to-use and features these benefits:

- Any flexible substrate can be printed
- Excellent printability is ensured by the high speed of 100 m/min
- Quick-release doctor blade for easy cleaning