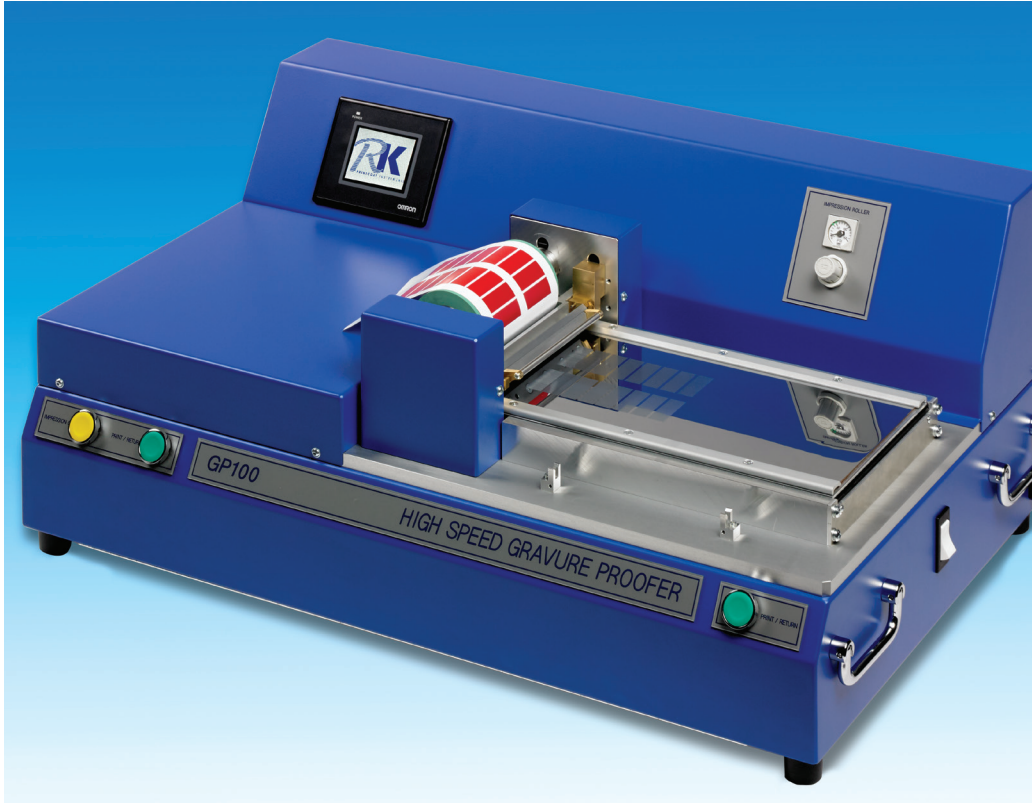


GP100

HIGH SPEED GRAVURE PROOFER



Above: GP100

Below: Detail of the printing head



High quality proofs using gravure inks of press viscosity are produced instantly using the new GP100. Featuring a microprocessor controlled servo drive and pneumatic operation, electronically engraved printing plates and variable printing speeds of 1 to 100m/min, this is an essential tool for all those involved in the manufacturing or use of liquid inks. Ideal for R&D and computer colour matching data, quality control and presentation samples, the GP100 is easy to use and clean.

SPECIFICATION

Footprint	780 x 500mm
Weight	51 Kgs
Rating	220 - 240V 50/60Hz, 4a, 960W

MAIN FEATURES

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



REPEATABLE
SAMPLES



RESEARCH +
DEVELOPMENT



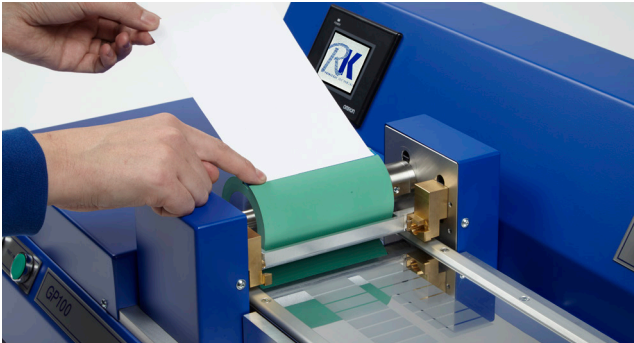
QUALITY
CONTROL



GLOBAL
SUPPORT

GPI100

HIGH SPEED GRAVURE PROOFER



PRINTING PLATES

The GPI100 uses the same electronically engraved printing plates as used on our well known Printing Proofer and are manufactured in exactly the same way as production cylinders. A choice of one or more of the standard plates available will normally be satisfactory but special plates including those with a logo and/or company details can be supplied. Maximum engraved area: 160 x 95mm.

A. Solid Area Plate

- (KPP.10) 100 lines/inch (40 lines/cm) Density: 100%
- (KPP.11) 150 lines/inch (60 lines/cm) Density: 100%
- (KPP.12) 200 lines/inch (80 lines/cm) Density: 60%

B. Single 3 Wedge Plate

- (KPP.13) 150 lines/inch (60 lines/cm)
- Densities: 100-80-60%

C. 1 + 4 Wedge Plate

- (KPP.14) 150 lines/inch (60 lines/cm)
- Densities: Half area 90% and adjacent step wedges
100-90-80-70%

D. Double 8 Wedge Plate

- (KPP.15) 150 lines/inch (60 lines/cm)
- Densities: 100-95-90-85-80-75-70-60%
- (KPP.15a) 300 lines/inch (118 lines/cm)
- Densities: 100-95-90-85-80-75-70-60%
- (KPP.15ab) 150 & 300 lines/inch
- Equivalent flexo anilox volumes 19 - 4cm³/m²
when printed by gravure
- Densities: 100-95-90-85-80-75-70-65-60%

E. Gravure Utility Plate

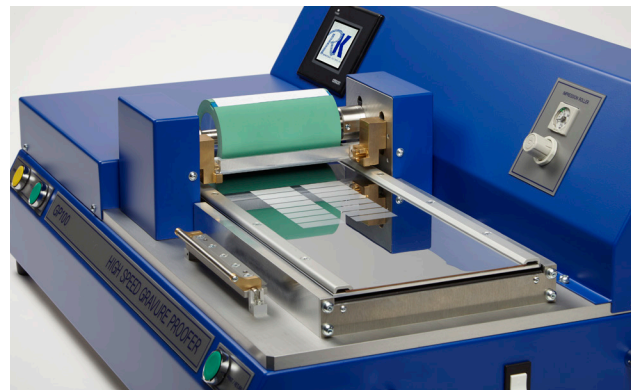
- (KPP.18) 175 lines/inch (70 lines/cm)
- Column 1: Solid area, density 100%
- Column 2: Densities 100-90-80-70-60-50-40-30-20-10%
- Column 3: Vignette 100-0%

GRAVURE

Ink is transferred from an electronically engraved printing plate directly onto the substrate, which is 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 (below) shows the doctor blade being removed for cleaning. It can be seen that the printing plate and impression roll are easily accessible for cleaning.



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