



G1 Gravure Proofer

The G1 and G1-5 printability testers produce colour strips with gravure inks and save costs by removing the need for colour matching tests on press.

Specially designed for computerised colour measuring and colour matching systems, they are simple to operate, reliable and sturdily built for intensive use over a long period. The G1 and G1-5 offer excellent reproducibility and are easy and quick to clean.



Applications

The G1 and G1-5 colour strips can be used for several purposes including testing printing quality, measuring colour with colour measuring systems/spectrophotometers, colour matching systems, visual appraisal, density measurements including establishing colour and density tolerances and determination of coverage, wear resistance, scratch resistance, flexibility, adhesion and gloss, ink transfer, light fastness and resistance to chemicals.

The G1 and G1-5 testers can print on a variety of coated and uncoated materials including paper, board, plastic film, cellophane, laminate, labels and textiles. They are used regularly in the printing ink, paper and board, printing, plastics, packaging, corrugated board and labelling, resin, lacquer and coatings industries.

Features

- A range of printing discs available with different designs
- Two printing widths (G1 35 mm, G1-5 50 mm)
- Substrates of up to 4 mm can be printed
- Adjustable printing speeds and printing force

Operation

The G1 and G1-5 printability testers consist of an exchangeable engraved printing disc, a doctor blade and an impression cylinder.

Ink is applied with a disposable pipette between the doctor blade and the printing disc and after the image is printed, the doctor blade and the printing disc are lifted automatically.

The printing speed can be adjusted in five steps and two consecutive prints are made automatically. The second print is the one used for evaluation as it is the most consistent.



TENDRING *pacific*

Norfolk House, Great Chesterford Court, Great Chesterford, Essex CB10 1PF

T: (44) 0870 240 1886 F: (44) 0870 240 1887

E: sales@tendringpacific.com

www.tendringpacific.com

G1 Gravure Proofer

Technical data

Printing speed 0.2–1.0 m/s, adjustable in five steps

Printing force 100–1000 N in 19 steps

Printing form automatically brought under pressure, printed and lifted

Doctor blade automatically placed against printing form and lifted

Maximum substrate thickness 4 mm

Printing discs

A range of printing discs is available with different designs:

- single engraving over the full surface
- four different volumes in one print
- a combination of different volumes in rectangular blocks
- a 5–100% wedge

Printing width:

- G1 35 mm
- G1-5 50 mm

Printing length 2 × 200 mm approximately

Screen ruling 40–80 l/cm (100–200 l/in)

Volume 4–28 ml/m²

Doctor blade

Angle 60°, trailing

Pressure 6–7 N

Physical specifications

Weight 35 kg

Dimensions 650 × 400 × 300 mm (W × D × H)

Power requirements

115/230 V, 50/60 Hz



Applying ink



Making a print



TENDRING *pacific*

Norfolk House, Great Chesterford Court, Great Chesterford, Essex CB10 1PF

T: (44) 0870 240 1886 F: (44) 0870 240 1887

E: sales@tendringpacific.com

www.tendringpacific.com