Peach proofer

If you have a requirement to assess the performance of offset inks when applied to virtually any substrate, then the peach proofer can help you to improve quality and cut costs.

Used in over 40 countries, this test instrument replicates the litho printing press by applying a measurable layer of ink to a substrate.

This proof testing equipment consists of two units :

• the inker (application unit)

• the printer (proof unit)

The proof force can be adjusted with the lifting arm.

Operation

To ensure maximum value for users, the peach proo-fer has been designed to be simple to use requiring a mini-mal amount of training.

The method of operation is simple.

The inker is a three roller system, made of a driving roller, an oscillating roller and a rubber distribution roller which transfers ink to the print disc. The print disc is then trans-ferred to the printer unit.

The material to be printed is clipped on to the sub-strate carrier and placed on the printing ledge of the printer. The print disc is then lowered into position and a print produced.

Accuracy

The peach proofer offers a press-like facility that is simple to operate and free from operator influence - allowing repeatability and consistent results.

Many users build a database of results which are used for verification between different departments, different sites and even different countries.

The amount of information that the peach proofer helps to obtain, allows very accurate profiles of per-formance to be built over time, and acceptable product delivery standards to be established.

Features

• Accurate repeatable proofing for offset inks

• Reliable, versatile, portable unit

• Print on variety of substrates: newsprint, paper, board, film, laminate, tin plate and plastic

• Print disc standard and UV inks

• Creates mini colour proofs with offset inks, which can be used for analysis

• Compatible with colour matching system

• Saves time and money - no proofing on press is neces-sary and a print can be made in less than a minute

• Simple to use procedure means consistency of data - no variable operator influence

• Used by both ink manufacturers and printers, from small independent to large multinational companies

Technical specifications

Inking time

± 30 seconds

Printing speed

10 m/min

Printing force

0 - 1000 N/m^2

Power supply

220-240 V, 50-60 Hz

Printing disc

Covered with rubber blanket for conventional inks, moulded rubber for UV inks.

Screened blankets available.

Diameter : 65 mm - Width : standard print width 50 mm - Print length 210 mm - Weight 180 g (50 mm version)

Top roller

Rubber for UV inks, polyurethane for conventional inks.

Diameter : 55 mm - Weight : 785 g - Length : 155 mm (100 mm rubber area)

Cleaning procedure

Recommended solutions for conventional discs and rollers are white spirit or heptone. For UV disc and rollers use acetone or your current UV solvent. Care should be taken not to flood the apparatus.

Physical specifications

Dimensions

Inker   29 x 33 x 21 cm (WxDxH)

Printer   29 x 21.5 x 15.5 cm (WxDxH)

Net Weight

Inker   13.2 kg

Printer   11.8 kg

Bench area

Inker   957 cm2

Printer   623.5 cm2

Options

• Blankets, print carrier, roller stand, pipettes

• Narrower print widths (min. 10 mm)

Applications

• Paper & board manufacturers : information on gloss,

   penetration, smoothness and drying characteristics

• Printing ink laboratories : data for analysis in conjunction with colour matching systems and to check batch consistency

• Pigment manufacturers : to measure the performance of products when made into printing ink and to establish invaluable data such as colour strength, opacity and transparency

• Printers : to check ink deliveries and control in-plant

   matchings, ink mileage can be calculated and applied to the volume of ink required on the production presses

• Tin, plastic and packaging manufacturers : to establish product performance in conjunction with a variety of inks

• Printing schools & colleges : to teach the relationship

   between ink and substrate and the properties of colour, density and strike through