

MACHINE AND EQUIPMENT · PRODUCT DATASHEET

PASTE INK PROOFER

A Paste Ink Proofer is a precision tool used in printing and packaging workflows to evaluate the color, consistency, and performance of paste inks before full-scale production. By...



CATEGORY	Machine and Equipment
SUB-CATEGORY	Lab Equipment
AVAILABILITY	1 in stock
MANUFACTURED	Nov 20, 2025

Description

A Paste Ink Proofer is a precision tool used in printing and packaging workflows to evaluate the color, consistency, and performance of paste inks before full-scale production. By producing controlled, uniform test proofs on a chosen substrate, the device allows printers, ink manufacturers, and quality-control teams to assess characteristics such as opacity, gloss, adhesion, and color match. This ensures that ink formulations meet required standards, reduces waste during press runs, and supports consistent, high-quality output across different printing processes.

Technical specification

MAIN FEATURES

- Accurate proofs produced in a single operation
- No messy weighing or measuring of inks, unlike other proofers
- Two inks may be proofed simultaneously for comparison
- Inking/cleaning cycle completed in only 2-3 minutes
- Multiple proofs easily obtained using any substrate Reduces press down time

INK FILM

The ink film on the blanket roller is accurately metered by a screen engraved on the inking roller. The inking roller has a polished ceramic surface that is covered in uniform cells that have been engraved using a laser. The number and depth of these cells are accurately controlled and contain a constant volume of ink. The following table gives the approximate ink film weight applied when using a typical offset ink. All inking rollers are supplied with a proof and a record of the actual film applied using a typical offset ink. Inking rollers to give other ink films may be made to order. The ceramic surface is virtually indestructible in normal use and is therefore ideal for use as a “standard” for quality control purposes.

Roller Ref Density Film Weight

PIP.10 Light, $\approx$ 1.8

PIP.11 Medium $\approx$ 1.9

PIP.12 Dark $\approx$ 2,0

PIP.13 3 Bands Light/Medium/Dark

PASTE INK PROOFER SPECIFICATION

- Substrate size: 124mm wide x 300mm long
- Print size: 75mm x 245mm (Max)
- Speed range: 5-40m/min
- Printing pressure: 0-150 Newtons/cm
- Blanket roller: 70° shore hardness, suitable for all types of paste inks
- Services required: 110/120 or 230/250 volts
- Footprint: 400mm x 400mm
- Weight: 40kg

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