

IGT AIC2-5

The IGT AIC2-5 Printability Tester prints on a variety of materials including paper, board, plastic film, cellophane, laminate, metal, etc.

Applications

The test strips are suitable for many purposes:

- measuring colour with colour measuring systems/spectrophotometers, use in colour matching systems and visual appraisal
- taking density measurements, including establishing tolerances and determination of coverage, scratch resistance, wear resistance, flexibility, adhesion and gloss, ink transfer (in g/m²), light fastness and resistance to chemicals
- testing printing quality, picking, wet pick and wet repellence, roughness, print penetration, Heliotest, set-off, striking through, mottle, loose and weakly bound paper articles
- used in the printing ink, paper and board, print, metal, plastics and packaging, resin, lacquer, coatings and raw materials industries as well as in training centres and research institutes



Features

- Ideal for making numerous tests on different substrates and inks in quality control and research
- Tests small quantities of ink and substrate in conditions simulating actual practice
- Makes colour strips with various inks on different substrates
- Saves costs by removing the need for tests to be made on the printing presses
- Sturdy construction for intensive use over a long period
- Easy and quick to clean
- Variety of accessories available for a wide range of processing options on various substrates with offset, gravure and flexo inks
- Substrate, ink and printing discs are simple and quick to change
- Reproducibility is extremely good, high degree of simulation of actual practice
- Computer-controlled speed setting and timer control



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Technical data

Printing section

Printing speed:

- constant 0.2–5 m/s
- increasing 0.5–7 m/s

Printing force 50–1000 N

Extra interval time 0.2–120 s, resolution of 0.1 s

Two printing discs maximum

Printing length 200 mm

Discs – printing width 10, 20, 35 and 50 mm

Types of available discs:

- Rubber, 85 Shore A, coated, for conventional inks
- Rubber, 65 Shore A, coated, for conventional inks
- Rubber blanket, for conventional inks
- Rubber, 85 Shore A, for UV-curing inks
- Rubber blanket for UV-curing inks
- Aluminium
- Also light-weight versions < 200 g

Physical specifications

Weight 97 kg

Dimensions 440 × 500 × 500 mm (W × D × H)

Power requirements

115/230 V, 50/60 Hz

Option

The fastest and best results are achieved when the AIC2-5 is used in combination with the IGT High Speed Inking Unit 4.



The IGT AIC2-5 suitable for many test purposes



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