

INGENIO FLEXIO 100300 UV

Pneumatically driven laboratory flexo printing machine for testing inks and coatings on various substrates. Equipped with variable speed and contact pressure, an integrated cold air vent, and a fan heater for flexible drying. The UV version additionally includes an integrated UV drying unit for curing UV-based inks and coatings. Ideal for efficient testing with low ink consumption, quick tool changes, and realistic simulation of production conditions.

- Roll-to-roll
- Customized anilox rollers made of chrome/ copper or ceramic
- Air mandrel for polymer or rubber sleeves
- Low ink consumption
- Quick change printing tools
- Simple cleaning process
- Speed and meter counter display



TECHNICAL DATA

Machine dimensions

- Length: 181 cm
- Width: 80 cm
- Height: 139 cm

Anilox Roller

- Diameter: 100 mm
- Cylinder width: 300 mm
- Maximum printing width: 260 mm
- Maximum printing height: 314.16 mm

Substrate

- Substrate must be on a roll
- Core diameter: 7–8 cm (standard)
- Larger cores (9–10 cm) possible with alternative material holder
- Roll width: 300 mm (matching anilox and rubber roller)

Speed

20 m to 44 m/min

UV Unit

- Integrated UV module with shutter
- 300 mm mercury medium-pressure UV lamp (HOZ)
- Designed for 155 W/cm power
- UV lamp power adjustable from 30% to 100%

Drying

- Integrated cold air vent
- Integrated fan heater (surface temperature of 75°C)

Air pressure

6 bar to 8 bar

Power supply

400 V / 50 Hz / 32 A (Euro plug)