

# IGT AE Four

## Economical inker for quick and easy ink distribution

### IGT Inking Unit AE Four

Inking unit for offset inks



The IGT AE Four inking unit is the modern successor of the renowned IGT AE inking unit.

The IGT AE Four is used to apply offset inks in a reproducible and constant ink film thickness on to the printing forms (discs) of the IGT printability testers. It is possible to distribute up to four different inks or ink film thicknesses at the same time. The discs can be used with the IGT printability testers AIC2-5T2000 and all versions of the IGT Global Standard Testers. On request the instrument is also suitable for all older versions of the IGT printability testers.

#### Applications

- Use with the modern IGT printability testers of the type AIC2-5T2000 and all types of the Global Standard Testers
- Use with the older types of IGT printability testers as A1, A2, AIC2 and so on
- Inking with conventional offset inks
- Inking with UV-curing offset inks
- Inking with IGT pick test oils and pick test inks
- Inking with offset test inks and all types of practical offset inks
- Inking up to 4 colours, inks or ink films at the same time

#### Properties

The IGT AE Four can be used to ink a maximum of 4 printing discs simultaneously. The IGT AE Four does not allow for a temperature control of the roller system and has a simple operator interface using only pushbuttons.

- Inking speed 0.3 or 0.6 m/s
- Top rollers identical to those of the IGT High Speed Inking Unit 4
- Top rollers available with 1, 2 or 4 sections
- Top rollers available for conventional or UV inks
- Quick and easy to operate
- Sturdy construction
- Supplied with an IGT ink pipette
- Suitable for printing discs used with all IGT printability testers



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### Operation

The IGT AE Four inking unit consists of a top roller and two steel distribution rollers. The top roller can be used to ink a maximum of 4 printing discs. The inking speed can be set on 0.3 or 0.6 m/s.

After the unit has distributed the ink evenly, the printing discs are brought into contact with the top roller and inked during the desired time. After this time the discs are lifted electrically.

After the tests the unit can be cleaned quick and easy thanks to the great accessibility

### IGT ink pipette

The IGT ink pipette is required to apply the inks on to the top roller. The ink pipette significantly increases the accuracy of the ink application and thus the results of the tests.

### Technical data

- Top roller: 1, 2 or 4 sections
- Inking surface area: 4 x 328 cm<sup>2</sup> (4 segments)  
2 x 729 cm<sup>2</sup> (2 segments)  
1 x 1537 cm<sup>2</sup> (1 segment)
- Inking speed 0.3 or 0.6 m/s
- Distribution time: manually
- Inking time: manually
- Printing disc width 10 to 50 mm

### General

- Complies with EC directives
- Modern design
- Simple operation
- Easy cleaning
- Reliable
- Low cost of investment and operation
- Detailed instructions for use

### Options

- \* Cover to prevent misting in the room and air flow
- \* Pipette with high resolution

Weight : 50 kg  
Height : 300 mm  
Width : 860 mm  
Depth : 380 mm

### Electrical connection

100 - 240 V / 50 - 60 Hz

## IGT Testing Systems

Research, development and production of testing equipment for the printing and allied industries

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