



**SECURITY FOILING**  
DOCUMENT SECURITY SOLUTION PROVIDER

**MicroPOISE™ Mk2 Sentry**  
Auto Sheet-Feeder Vacuum PRO



Up to **A3** sheets

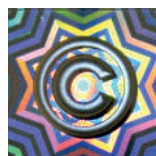
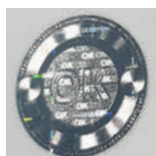
Up to **4500** impressions per hour

Up to **15** holograms per sheet

Security Access software

H : 120 W : 123 D : 62 (cm)

### MicroPOISE™ stamps



## DUOGRAM HD - HOLOGRAM - DATAFOIL HD

*The simple solution for applying security features to*



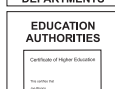
Bank notes  
Cheques



Bankers drafts  
Share certificates



Driving licences  
Parking permits



Government documents  
Education certificates



Passports  
Import documents



Visas  
Customs documents



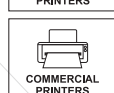
Audit clearance  
Transport passes



Shipping documents  
Insurance documents



Variable data protection  
Gift vouchers



Receipts  
Limited edition print



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## Technical Specifications

### Automatic Sheet Feeding

#### Production Speed

- Up to 4500 impressions per hour for multiple holograms per sheet
- Up to 3000 impressions per hour for single holograms per sheet

#### Feeding and stamping format

- Sheets can be fed in landscape format with hologram stamped anywhere within the top half of the sheet. To stamp on the bottom half of the sheet it must be fed into the machine tail leading.

#### Sheet Feeder

- Continuous replenishment without interruption
- Paper dimensions H : 270 - 420 W : 76 - 297 mm

#### Sheet stamping Position

- Along the sheet, 16 way programmable memory system allowing instant control of
- Stamping position from 1 to 15 holograms inline in one pass

#### Security feature stamping area

- Within the max 65 x 30 mm stamping area

### MicroPOISE™ MK2 Sentry machine

Strong Impression system with adjustable die head to allow a very accurate level impression

- Impression pressure up to 1000 kg
- Dwell adjustable from zero to 1 second

#### Foil Handling

- Maximum foil width 67 mm
- Maximum foil roll 100 mm diameter
- Maximum foil waste collection 100 mm diameter
- Foil core size from 25.4 up to 75 mm
- Number of hologram registration 1 (optional)
- Hologram positional tolerance +/- 0.25 mm\*
- Hologram Registration Mark 5 x 5 mm
- Bi-directional centered on image recommended

\* subject to foil manufacturing tolerances

#### Heating

- Temperature range 50 -150 degrees centigrade
- Heat-up cycle time 3 minutes

#### General

- Combined desktop dimensions (mm)
- H: 370 x W: 820 x D: 410
- Weight 55 (kg)
- Machine power supply 1 phase 220 - 240v 50Hz

### Other products in the MicroPOISE™ range

#### Paper sheet

Auto-Sheet Feeder  
Auto-Sheet Feeder PRO  
Auto-Sheet Feeder Vacuum

#### Continuous sheet

Auto-Sprocket Feeder

#### Plastic card

Auto-Card Feeder  
Auto-Large Card Feeder

#### Roll to Roll

Auto-Roll Label Feeder PRO

#### Point of issue

Hand Fed  
Document Template  
Single-Card Feeder  
Manual-Card Feeder