

ESC-DirectJet 1014UV and 1024UV

*Extremely versatile UV-LED inkjet printer
- the ideal solution to join the UV market!*



Touch the future

esc.
DIGITAL-DRUCK-SYSTEME

Machine details

Benefits of ESC-DirectJet 1014 and 1024UV:

- all-in-one solution to manufacture small-sized samples, individual items and limited-lot productions up to a material thickness of 152 mm
- direct printing on rigid, flexible and shaped materials without pre-treatment
- 8 chamber print head with 180 micro nozzles per chamber
- automatic LED print head height adjustment
- optimized print resolution of up to max. 5760 x 1440 dpi
- speedy and uncomplicated operation by means of 8-button membrane switch
- automatic clear overcoat after the print for prolonged durability
- fine fonts and lines, saturated colours with excellent solvent and abrasion durability because of the new Multisolve LED UV IR2 inks (200 ml / 500 ml)
- very opaque white ink for printing nearly all coloured substrates with white under base
- the white ink cartridge is placed on top of the print head and thus remains in constant motion in order to avoid pigment sedimentation
- including Color Byte RIP PRO software

Fields of application:

- | | |
|-------------------|-------------|
| - plastics | - glass |
| - PVC | - aluminium |
| - wood | - ceramics |
| - stainless steel | - CDs, etc. |

Print speed:

Approx. 2.25 min. for a surface of 203 x 254 mm at 1440 x 1440 dpi.

Technical data	ESC-DirectJet 1014UV	ESC-DirectJet 1024UV
printing method	on-demand micro piezo inkjet	
max. printing size	254 x 355 mm	254 x 610 mm
max. material thickness	101 mm	152 mm
max. material size	330 x 355 mm	330 x 635 mm
max. material weight	approx. 4.5 kg	
max. print resolution	5760 x 1440 dpi	
print direction	uni- and bi-directional	
inks	C, M, Y, K, W, W, CI, CI (W = white, CI = clear overcoat)	
ink supply	separately refillable 14 ml cartridges with intelli-smart technology	
droplet size	1.5 - 21 pl	
operating system	system Windows 7, Vista and XP (32 & 64 bit)	
system requirements	CPU of >2 GHz, >2 GB RAM, 40 GB free hard disc space, 2 x free USB 2.0 ports	
connected load	100-240 VAC, 50/60 Hz, A 4 auto switching	
dimensions (l x w x h)	838 x 96 x 584 mm	838 x 1219 x 584 mm
weight	approx. 67 kg	approx. 80 kg

Environmental conditions:

- temperature 16 - 29 °C
 - humidity 20 - 80 %, non-condensing
- Constant ambient conditions within the indicated ranges should be observed.

Subject to technical modifications

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