a world of applications

The UV printing market extends from simple product decoration to complex additive manufacturing. Designed with the idea of printing 'Anything to just about Everything' bringing innovative answers to the most demanding decoration needs.

The iUV series provides the versatility, flexibility, and durability helping drive the transformation of any item. The celebrated image quality of the iUV series printers are ideally suited to giftware, souvenirs, packaging, 3D effects, displays, signage, individual parts decoration, protoyping, industrial marking etc.

The iUV series delivers exceptional photo realistic colour. In addition to unmatched material size and thickness capabilities, the printer utilizes CMYK, White and Clear inks for stunning special effects including textures and simulated embossing. It all adds up to powerful visual impact on POP displays, industrial parts, art, promotional products and one or two-sided signs with variable data...

FLEXIBLE!

Specifications

	350s	600s	1200s
Printhead	On-demand inkjet (Micro Piezo) 1440 nozzles. 3.5Nq-42Nq drop		
Color	8 (Dual CMYK or 4* White/Clear plus CMYK) (Y, M, C, K, Cl, Cl, W, W), (Y, M, C, K, Cl, Cl, Cl, Cl), (Y, M, C, K, W, W, W, W), (Cl=Clear, W=White)		
Print Area	604mm x 350mm (24" x 13.8") Max media height: 150mm (5.9")	604mm x 450mm (24" x 17.7") Max media height: 300mm (11.8")	1137mm x 750mm (44.7" x 29.5") Max media height: 300mm (11.8")
Bed Size	610 x 325mm (24" x 12.8")	610 x 450mm (25.6" x 17.7")	1150 x 750mm (45.3" x 29.5w")
Resolution			
Draft Modes:	360 x 360, 720 x 360dpi		
Production Modes:	720 x 720, 1440 x 720dpi		
Ink Specifications			
Ink Type	iUV LED pigmented UV-curable inks		
Ink Volume	Individual 250ml refillable ink tanks		
Ink Delivery	Bottle - pressurised CYMK Bottle - pressurised re-circulation - white (WIMS) with filtration		
Other Specifications			
Operating System	Microsoft® Windows® XP or later RIP - Print Pro		
Electrical	AC 110-240V, 50-60Hz, 10A, Consumption - 55W or less, Standby - 5W, Off - 1W		
Dimensions			
Width x Depth x Height (mm)	753(W) x 856(H) x 1206(L)mm 29.6"(W) x 33.7"(H) x 47.5"(L)	1130(W) x 1200(H) x 1210(L)mm 44.5"(W) x 47"(H) x 47.6"(L)	1305(W) x 1310(H) x 1810(L)mm 51.4"(W) x 51.6"(H) x 71.3"(L)
Weight [Box weight may vary]	98kg	178kg	310kg

compress®
labels-graphics-packaging

CONTACT

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BY IMPRESSION TECHNOLOGY

UV LED Light Caution You are dealing with an LED UV light source that may harm your health. Do not look directly into the UV light source or expose your hand or any part of your body/skin directly to the UV LED light source. **UV Ink Caution** LED UV inks contain mild skin irritants in their liquid form. Always wear safety goggles and gloves when handling the liquid LED UV ink. There may be some VOCs emitted from the uncured inks during and after the printing process that could slightly irritate the nose, eyes and throat. If the printer is running in a small confined area, the VOCs could build up and increase the irritation. Compress strongly recommends that the printer be operated in a well-ventilated area to keep the VOCs to a minimum. Print trials must be undertaken prior to production - no warranties, express or implied, are given in connection with the accuracy or completeness of any of the information contained herein. Specifications subject to change without notice. ComPress is a registered trade mark of Impression Technology Pty Ltd, Australia. All copyright reserved.

compress®
labels-graphics-packaging

UV-350s/600s/1200s

→ industrial UV printing

DUAL LAMP • UV LED • >300²fph • ECO INKS

UV-350s/600s/1200s

iUV-350s/600s/1200s → industrial UV printing

DUAL LAMP • UV LED • >300²fph • ECO INKS

Compress UV LED printing technology is an entirely new small footprint range of flatbed UV printers that brings cost-effective, on-demand color printing to the production floor for a multitude of substrates. The Compress iUV-series gives you the freedom to print exactly what you want, when you want and virtually to whatever you want. Fast color digital printing is possible for glass, metal, plastics, board stocks, acrylic and more.

Even flexible medias like textiles and leather deliver the widest flexibility in commercial printing options. The Compress iUV flexibility means reduced waste, less inventory, accelerated workflow, full color process printing to a multitude of substrates with variable data imprinting – ***attract new business and customers or solve current production issues.***

Bringing print production in-house, the time saved on logistics and handling allows for significant cost savings and faster reaction to changing market needs.

iUV-350s - Print area A3+[604x350]
iUV-600s - Print area A2+ [604x450]
iUV-1200s - Print area A0- [1150x750mm]

Dual water cooled LED lamps.
395Nm low heat. (iUV-350s single lamp)

Bulk ink system with WIMS® ink circulation and filtration.

The Compress iUV industrial print head features 1440 nozzles capable of delivering a minimum picolitre drop of just 3.5Ng for ultra fine dot placement. When configured with up to 6 colors of CMYK – White and Clear, our 1150mm wide print width delivers 1440 dpi native print resolutions at incredible speed with remarkable color brilliance.

Maximum print area of the **iUV-350s** is 604mm x 350mm (A3+) with an adjustable media height to 150mm.

Maximum print area of the **iUV-600s** is 604mm x 450mm (A2+) with an adjustable media height to 300mm (the largest media height of any printer in its class).

Maximum print area of the **iUV-1200s** is 1150mm x 750mm (A0-) with an adjustable media height to 300mm (again the largest media height of any printer in its class).

Speeds up to 300 feet per hour in production mode and 50 feet per hour in quality mode. Each ink color is delivered via a 250ml pressurized ink tank for constant ink feed to the damper. All white inks are pressurized and recirculated with filtering by our patent pending WIMS (white ink management system) for less downtime and ink issues in general… low maintenance. PRODUCTION READY.

PRINT SPEEDS*

iUV600s/1200s

Draft (360dpi ranges): @35m² (@376ft²)

Production (720dpi ranges): @12m² (@129ft²)

Quality (1440dpi ranges): @6m² (@64ft²)

iUV350s

Draft (360dpi ranges): @18m² (@190ft²)

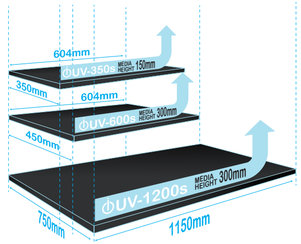
Production (720dpi ranges): @7m² (@65ft²)

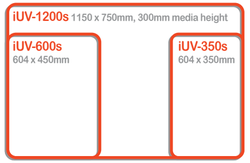
Quality (1440dpi ranges): @4m² (@32ft²)

* Based on dual CMYK. Approximate figures dependent on graphics etc. and are a guide only. White and clear can lower production rates. Additional print modes supported within RIP. Print trials are recommended prior to purchase.

PRINT A BROADER RANGE OF SUBSTRATES

FINISHED PRODUCT • PROTOTYPE & PRODUCTION • LABELS & DECALS • PACKAGING & PROOFS • SIGNS & DISPLAYS





Media height/print size comparison for iUV350s/600/1200s

Compress - do even more…

One Pass white ink flood and overprint

Print colorful, bright images on transparent and colored substrates with white ink as a flood coating or overprint without slowing print speed.

IQ Interweave onboard

Eliminate banding – a unique interweave allows less banding at lower resolutions. A new science in interweave printing.

Roll/Sheet Capable

An optional roll media device allows paper, plastic and films – even light cardboard to be printed in max widths of 600/1130mm x 220mmO/D (76/30mm inner core. Non powered). (Excludes iUV-350s)

Vacuum Bed

An optional vacuum bed for film, paper and light weight substrates is easily added to the iUV Series printers.

Bottle Jig

An optional production oriented 2/4 up bottle jig snaps into place using a simple magnetic locator.

DUAL LAMP • WATER COOLED • 395 - 415Nm • LOW HEAT

OPTIONAL VACUUM BED

OPTIONAL BOTTLE JIG