IU-1000F

THE ULTIMATE PERFORMER

For peak performance and unlimited printing possibilities, the IU-1000F UV-LED flatbed printer delivers the speed, accurate colour reproduction and creative print expression your customers demand, on demand. The winning choice for a host of profitable applications including signs, exhibition graphics, interior décor, backlit displays, canvas wall art and more.

IMPRESSIVE VERSATILITY ON MATERIALS UP TO 110 mm IN HEIGHT AND 45 kg/sqm IN WEIGHT

High-density, high-adhesion UV inks are compatible with an impressive variety of substrates including acrylic, PETG, PVC board, foam board, polycarbonate, wood, corrugated polypropylene board, aluminium composite plate, metal and glass*.

RELIABLE PRODUCTIVITY FOR SUPER-FAST TURNAROUND TIMES

Be the first to finish with the IU-1000F. Print around 15 rigid boards (1220 x 2440 mm / 4' x 8') per hour in "Standard" print mode and 10 boards in "Quality" print mode. Print CMYK and White at the same time with the Double White configuration for super-quick delivery – print around 6 boards per hour in "Standard" print mode**.

CMYK, WHITE, GLOSS AND PRIMER TO EXPAND YOUR PROFIT-MAKING POTENTIAL

The IU-1000F offers CMYK plus White, Gloss and Primer inks, all in one powerful device, for an impressive range of applications and stunning print quality. Use high opacity White ink to add unique designs to dark and coloured materials and to make CMYK colours stand out on transparent panels. Use clear (Gloss) ink to create matt finishes, lifelike textures and simulated embossed effects. Primer ink efficiently and accurately prepares a range of materials including acrylic and glass.* The GREENGUARD Gold-certified inks are safe for use in the most sensitive of locations, including schools and hospitals.

LOW RUNNING COSTS FOR HIGH PROFITABILITY

Impressively efficient ink usage, even for images that require fine gradations, means you can achieve stunning quality images whilst minimising ink consumption.
The long-life, low-temperature UV-LED lamps save energy and reduce downtime compared to conventional UV lamp systems, maximising your profit margins.

Roland

IU-1000F

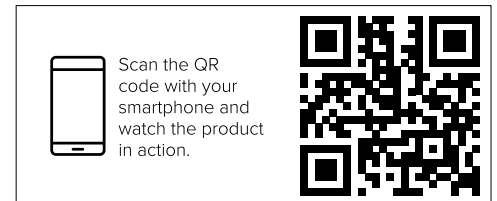| Printing method		Piezo ink-jet method
Media	Maximum size	2510 mm (W) × 1310 (L) mm (98.8 × 51.5 in.)
	Maximum thickness	110 mm (4.3 in.)
	Maximum weight	45 kg per sqm (99lb per sqm)
Maximum printing area		2500 mm (W) × 1300 mm (L) mm (98.4 × 51.1 in.)
Ink	Type	UV Curable Ink
	Colour	Six colours (Cyan, Magenta, Yellow, Black, White and Gloss) and Primer
	Ink bottle capacity	C,M,Y,K,Gl,Pr:1000cc Wh: 900cc
	Ink tank capacity	2500 cc per colour
Ink curing unit		UV-LED lamps x 2
Print resolution (dots per inch)		Max. 635 × 1800 dpi
Media vacuum system		Four independent areas with adjustable vacuum pressure
Connectivity		USB 3.0
Power requirements		EMEA 25A 3-phase 400 V
Acoustic noise level		75 dB (A) or less
Dimensions		4812 (W) × 2200 (D) × 1580 (H) mm (189.4 × 86.6 × 62.2 in.)
Weight		1436 kg (3166 lb)
Environment	Temperature	15 to 30°C (59 to 86°F)
	Humidity	40 to 80%
Included items		Print Control software, USB cable, cleaning kit, CD manuals, etc.

Software System Requirements

Print Control (bundled)	OS	Windows® 10 Pro (64 bit)
	CPU	Intel® Core™ i5, 2 GHz or more
	RAM	8 GB or more
	Video card and monitor	A resolution of 1152 × 854 with 16 bit colour or higher
	Optical drive	CD/DVD drive
	USB	USB 3.0 port
	HDD	Install space 1 GB or more Working space 100 GB
Ergosoft Roland Edition Special Plus (optional)	OS	Windows® 10 (64 bit)
	CPU	Intel® Core™ i7, 4.2 GHz or more
	RAM	8 GB or more
	Screen resolution	Display resolution of 1600 x 900 or higher
	Optical drive	CD/DVD drive
	Free hard-disk space (HDD)	Minimum single disk space: 512 GB Recommended: 2 Solid State Disks
	Internet connection is required (for licence activation and service)	

Consumables

Standard UV Ink	US-CY	Cyan 1000 cc
	US-MG	Magenta 1000 cc
	US-YE	Yellow 1000 cc
	US-BK	Black 1000 cc
	US-WH	White 900 cc
	US-GL	Gloss 1000 cc
	US-PR*	Primer 1000 cc
Maintenance Kit	IU-MNTKIT	Carriage filter 8 Pcs. Absorber 6 Pcs.
Cleaning Kit	IU-CLKIT	Box of paper towels (1 Pc, 50 sheets) Box of non-woven fabric (1 Pc, 100 sheets) Polyethylene gloves 7 Prs Nitrile rubber gloves 14 Prs Cleaning sticks 12 Pcs
Cleaning Liquid	US-CL	Cleaning liquid, 500 cc

* Primer may be needed for glass, metal, aluminium and acrylic. Primer ink adhesion may vary depending on substrate and conditions. Testing ink adhesion prior to production is recommended.

**Print speeds are based on average print test results. Actual results may vary. Standard board size - 1220 x 2440mm.

Specifications, designs and dimensions listed may be subject to change without notice.

Scan the QR code with your smartphone and watch the product in action.

This device is capable of printing on a wide variety of substrates. However, the print quality or the ink adhesion may vary according to the substrate used and it is strongly recommended to test the substrate for compatibility to ensure optimal print results.

⚠ Vaporised components may slightly irritate the eyes, nose and/or throat during and following printing with this product. If continuously printing in a closed space, the density of volatile compositions will accumulate and may irritate the eyes, nose and/or throat. Roland DG strongly recommends that you install a ventilation system and use this product in a well-ventilated room. For more information, please contact your local distributor or dealer.

Imagine. **Roland**

SELECT IMAGES BY:
depositphotos

www.rolanddg.co.uk