



High Resolution Inkjet Printers

- ✓ Unique UV LED instant curing system
- ✓ Instant polymerization of the printed message
- ✓ 4th Generation piezo electric print head
- ✓ Low maintenance
- ✓ Low ink consumption
- ✓ 1 to 4 print heads
- ✓ 10,1" full color touch screen with graphic user interface
- ✓ Printing speed up to 60m/min
- ✓ Printing resolution up to 180 x 720 dpi
- ✓ Maximum printing height up to 72 mm
- ✓ Printing on any type of surface



High Resolution Inkjet Printers

"Unique instant curing system: UV LED Curing On Board Security System®"



UBS **MRX UV LED** High Resolution Inkjet Printer, with integrated **UV LED Curing On Board Security System®**, is developed to print directly on non-porous surfaces such as coated cases, trays, films, etc.

APLINK **MRX UV LED** incorporates an exclusive design integrated LED lamp allowing UV LED-based ink dry instantly by polymerization.

Designed and manufactured to print texts, images, logos, symbols and any 100% legible 1D/2D barcodes compatible with GS1 standards (GTIN13, GTIN14, G21-128, GS1 Datamatrix...) for secondary packages of non-porous surfaces, such as non-porous cases, cardboard trays with stretch film and plastic bags, etc.

4th generation piezo electric print head allows printing messages up to 72 mm height, of high contrast, using UV LED-based ink, at resolutions up to 180 x 720 dpi and speed up to 60 m/min.

Thanks to its modular design, **APLINK MRX UV LED** allows simultaneous use of 1 to 4 printheads connected to one controller with 10.1" full color touch screen and intuitive graphic

interface, that allows operate each printhead independently.

Low Migration and low viscosity UV LED curable ink. The non-pressurized ink bottle contains UV LED-based ink. It can be replaced in non-stop mode.

The innovative temperature and drop volume control technology and UV LED instant curing system, ensures a low consumption and a reliable print out and it becomes a great tool for cost-saving on the production line.

APLINK MRX UV LED can be connected to any information or automation system through the **UBS Labman 4.0** software, which allows the management and connection of all data with any ERP, MES, WMS or DBMS system, facilitating traceability in the production line.

In addition, our **UBS Designer** design software makes easy the creation, editing and sending of labels to your equipment.



MRX UVLED

HIGH-RESOLUTION INKJET PRINTER

ADVANCED MULTI-HEAD SYSTEM - UV CURING INKS FOR NON-POROUS SURFACES

Technical features

DESCRIPTION	UV High Resolution Inkjet Printer
POWER SUPPLY	110 / 240V 50-60Hz - 150 W (1 printer) - 300 W (2 printers) (UV LED Curing System)
FLOOR STAND HEIGHT	Min. 515 mm - max 1290 mm (min 1,7 ft - max 4,2 ft)
WORKING TEMPERATURE	From + 5° C up to + 50°C (+ 41°F up to + 122 °F)
HUMIDITY	From 5% up to 85% non-condensed

Consumable

INK	Low migration and low viscosity UV LED ink
COLORS	Black. Other colors on request
VOLUME	1000 ml and 500 ml ink bottle
MATERIAL TO PRINT	Any type of non-porous and porous substrates

Printing module features

PRINTING HEIGHT	72 mm (2.83")
PRINTING SPEED	Up to 60 m / min (197 ft/min)
RESOLUTION (vertical / horizontal)	180 dpi / up to 720 dpi
PRINTING CAPACITY	Up to 2 prints per second
DISTANCE (between print head and surface)	Max 5 mm (0.2")
BARCODES	GTIN13, GTIN14, GS1 DATAMATRIX, GS1-128, CODE 39, 2/5 ITERLEAVED, QR, PDF417, etc.
DATA	Fixed or variable text (BB date, counters, Batch Number formulas... etc.) logos, images..
PRINthead POSITION	Side, Top, tilted up to 90°
OPTIONS & ACCESSORIES	External encoder kit, light beacon alarm, low temperature kit.

Controller features

DISPLAY	10.1" Full color Touch Screen
PRINT HEADS CONTROL	Up to 4 print heads
COMUNICATIONS	1 x USB 2.0, 1 x Ethernet 10 / 100 / 1000 y WiFi (optional)
SOFTWARE LABEL DESIGN	UBS Designer Lite and UBS Designer Pro

UVLED Curing System features

CURING AREA	72 x 30 mm
COOLING SYSTEM	By air
DURABILITY	>20000 Hours
WARRANTY	1 year, 1000 working hours
WORKING MODE	2 activation modes: - Standalone - TTL (synchronized with the printer)

Connection



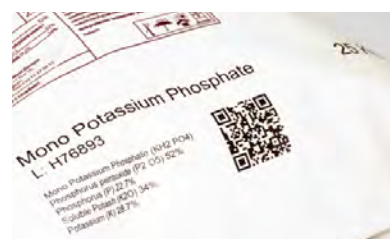
ETHERNET



USB



WIFI (OPTIONAL)



According to UBS policy of continuous improvement, our products specifications are subject to change without previous notification.



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