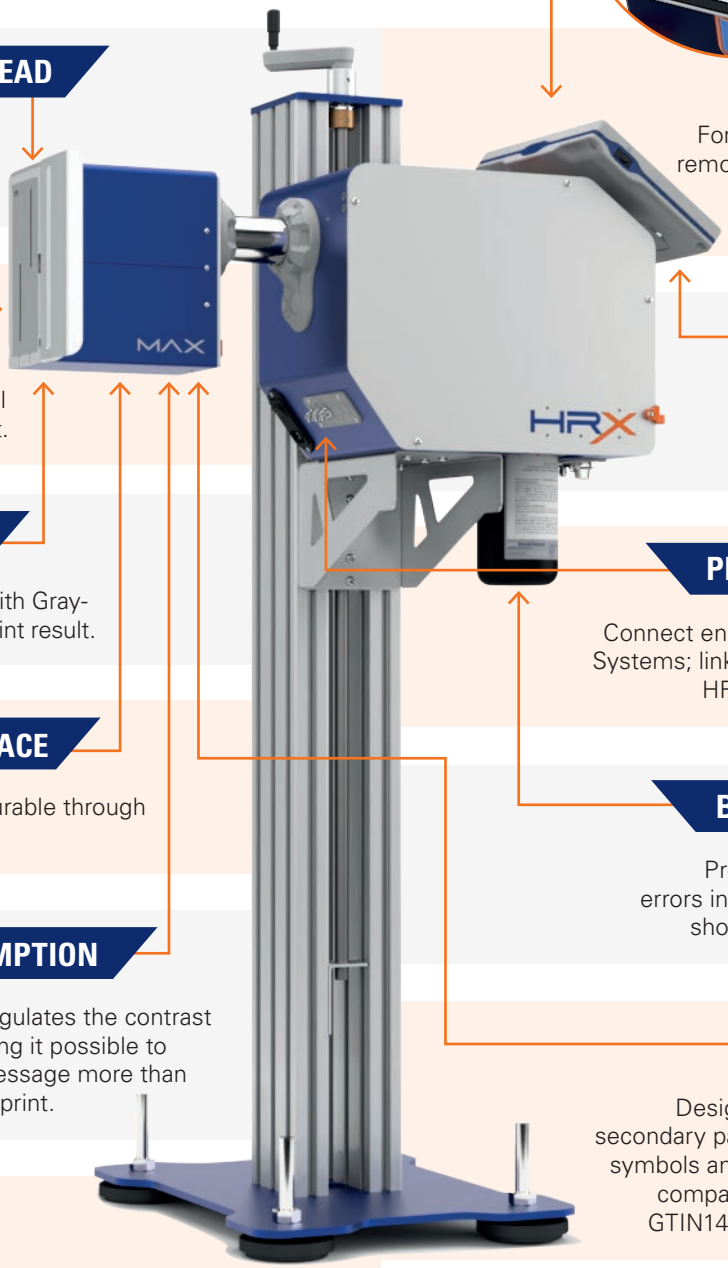
United **Barcode Systems**
Labeling, Coding & Marking

HRX MAX

The right choice

APLINK **HRX MAX**

APLINK HRX Max is United Barcode Systems' new generation high-resolution GrayScale inkjet printer designed to print high (140mm – 5.6") messages directly on any surface.



DOUBLE HEIGHT PRINTHEAD

140mm (5.6") printhead to optimize message dimensions.

RESOLUTION

180dpi vertical resolution and up to 1440dpi of horizontal resolution for a higher contrast.

GRAYSCALE PRINTING

Take coding to the next level with Gray-Scale printing. Get a sharper print result.

PRINTING ON ANY SURFACE

UVLED Curing System configurable through HMI display.

OPTIMIZED INK CONSUMPTION

CPE (Contrast Per Element) regulates the contrast applied to each element, making it possible to highlight some areas of the message more than others and reducing costs per print.

COMMUNICATION

12 configurable inputs (5) and outputs (7) to be able to communicate with any element in the production line. **Optional accessory*

HMI DISPLAY

For a greater comfort, it is possible to remove the controller from the printer's body and place it anywhere on the production line (7" or 10").

ESCALABILITY

Connect 4 printheads and control them all through the same 10" HMI Display.

PHERIPHERAL CONNECTIONS

Connect encoders, beacons or UVLED Curing Systems; link printers or communicate APLINK HRX Series with any item in the line.

BOTTLE DETECTION SYSTEM

Protects the printhead by preventing errors in changing ink type or ink color and showing ink expiration date warnings.

GS1 COMPLIANT

Designed and manufactured to print on secondary packaging any texts, images, logos, symbols and 100% readable 1D/2D barcodes compatible with GS1 standards (GTIN13, GTIN14, GS1-128, GS1 Datamatrix, QR…)

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PRINTER FEATURES	
PRINTING HIGHT	Up to 140 mm (5,6")
PRINTING SPEED	Up to 220 m/min*
PRINTING CAPACITY	Up to 30 prints/second*
RESOLUTION (VERTICAL / HORIZONTAL)	From 90dpi to 180dpi (vertical), up to 1440dpi (horizontal)
MESSAGE LENGTH	Max. 50 m
BARCODES	GS1 (GTIN13, GTIN14, GS1-128, GS1 Datamatrix, etc.)
DATA	Texts, variables, formulas, logos, images, dates, etc.
PRINTHEAD POSITION	Side, top or tilt from 0° to 90° (Flex Integration System)
OPTIONS AND ACCESORIES	UVLED Curing System, external beacon, encoder

HMI FEATURES	
DISPLAY	10" color touchscreen
PRINTHEAD CONTROL	Up to 4 printheads
COMMUNICATION	USB 2.0, Ethernet, I/O (12)
MESSAGE DESIGN SOFTWARE	UBS Designer Lite and UBS Designer Pro, NiceLabel, Codesoft, Windows Driver

EQUIPMENT CERTIFICATES

INK CERTIFICATES

*Maximum speeds and cadences will depend on the design of the message and the elements that make it Up.
Due to our continuous improvement policy, our product specifications are subject to change without notice.

ENHRXMAX30012025

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