UBS MRX72e
High-Resolution Inkjet Printer

Martek
INDUSTRIES

Modular industrial printer range

United Barcode Systems (UBS) Aplink MRX72e printers offer a modular, industrial solution for printing high-definition text, graphics, barcodes and 2D codes onto porous and non-porous surfaces.

Up to 4 x 72mm printheads can be driven by a single touchscreen controller to print onto the side or top of products moving at speeds up to 110m/min.

Mineral oil free ink is used for printing onto porous materials including card and timber.

For printing on non-porous materials including plastics and metals, the latest UVLED technology is used to instantly cure polymer-based inks.

MRX 72e

MARTEK
COFFEE ROASTERS

dark roast espresso
●●●●●
12 x 250g

BBE: DEC 2023
BATCH: L1345 12:12
P.CODE: DRC250012
ORIGIN: GUATEMALA

50763309347711

ECO Ink
mineral oil free
UBS

Floor stand

UVLED curing for non-porous materials

When printing onto non-porous materials including plastics and metals, the latest UVLED technology is used to instantly cure ink with permanent, fade-resistant results. PWM amplidude modulation is used to automatically adjust intensity depending on line speed to avoid product damage from over-exposure.

Modular design

Build the system that suits your appliction with a choice of 7" or 10" touchscreen controller, 3 printhead configurations, UVLED curing for non-porous materials and a wide range of accessories.

With the 10" touchscreen, up to 4 printheads can be driven by a single controller. For single printhead applications, the 7" touchscreen provides a compact solution.

A coice of forwards-printing, down-printing and umbilical printheads is available.

UBS Designer Lite software is included as standard with all systems.

Specification

Print technology:	High-definition impulse jet
Print height:	72mm - up to 4 printheads per controller
Print resolution:	Up to 180 x 720dpi (horizontal x vertical)
Printing speed:	Up to 110m/min
Print frequency:	Up to 4 prints / sec
Print distance:	Up to 5mm for optimum results
Touchscreen:	7" or 10" colour touchscreen
Connectivity:	USB2.0, Ethernet 10/100/1000, Digital I/O
Print software:	UBS Designer Lite, UBS Designer Pro, Nicelabel, Windows driver, Codesoft.
Options:	Shaft encoder, status beacon, floor stand, RS232 interface, custom bracketry

Ink type:	Mineral oil free for porous surfaces. Polymer-based with UVLED curing for non-porous surfaces.
Ink colours:	Black, red, blue, yellow
Ink container:	1-litre - changeable without stopping printing
Text fonts:	Windows and TrueType fonts in any point size
Variable data:	Date, time, counters, external input
1D barcodes:	All common codes including EAN128
2D codes:	All common codes including Datamatrix and QR
Power:	110-240Vac @ 50-60Hz

Specifications subject to change without notice