

Thermal Injet Coder

Markoprint Integra Ultimate



SPECIFICATIONS

To protect against dust and moisture, the patented Integra Ultimate thermal inkjet printer not only has protection class IP 65, it also automatically closes and cleans the nozzle plate at each standstill. This mechanism guarantees always clean printing with perfect results even after long breaks. And thus it increases the open times of the ink cartridges many times over.

The Integra Ultimate offers maximum ease of use: The printhead does not need to be covered or dismantled when wet-cleaned. In addition, removal and closure of the cartridges are eliminated during longer production breaks. This may be particularly advantageous in applications where the printheads sit in hard to reach places and / or are used only sporadically. In addition to the wood and food industry, these include, for example, closed facilities for the production of pharmaceuticals.

- Due to the closure of the nozzle plates, the Markoprint Integra Ultimate is also the ideal system for the use of UV inks. UV inks cure in seconds, so they do not run on perfectly smooth surfaces. Thanks to the automatic cartridge closure of Integra Ultimate, UV radiation cannot affect the ink during print breaks. Consequently, it does not harden prematurely and can therefore be used for a longer time.
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- Depending on the type of ink, the Integra Ultimate increases the open time by several hours or days. In the case of the frequently used Markoprint 2580 ink, it is increased from 15 minutes to over 72 hours, so that the cartridge can remain in the system during breaks in production, for example, during weekends.

TECHNICAL DATA

	integra One				integra One ip	IP-JET
	Print	Basic	Advanced	Pro	Pro	Pro / Ultimate
Supported printing technology	HP	HP	HP	HP	HP	HP
Max. number of printheads	1	1	1	1	1	1
Display	OLED	OLED	OLED	OLED	OLED	–
Dimensions in mm (length/width/height)	186/86/98	186/86/98	186/86/98	186/86/98	187/92/107	102/99/144
Weight in kg	0.7	0.7	0.7	0.7	1.1	1.1
IP Protection	IP40	IP40	IP40	IP40	IP65	IP65
Max. printing height in mm	12.7	12.7	12.7	12.7	12.7	12.7
External sensor	✓	✓	✓	✓	✓	✓
Internal sensor	+ / –	+ / –	+ / –	+ / –	+ / –	–
Rotary encoder	✓	✓	✓	✓	✓	✓
Status/alarm outputs	3	3	3	5	5	4
Potential free contacts	–	–	–	–	–	–
Inputs	3	3	3	5	5	4
USB interface	USB-C	USB-C	USB-C	USB-C	USB-C	–
EIA 232	✓	✓	✓	✓	✓	✓
Max. printing speed in m/min (with 300 dpi)	60	30	90/60*	180/60*	180/60*	90/60* / 180/60*
Max. print resolution (horizontal)	50-900	50-900	50-900	50-900	50-900	50-900
Max. print resolution (vertical)	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600
Layout length in m	2	2	2	6	6	2 / 4
Number of layouts	unlimited	unlimited	unlimited	unlimited	unlimited	9 / 25
Text / Logos	✓	✓	✓	✓	✓	✓
Counter	✓	–	✓	✓	✓	✓
Date / Time	✓	✓	✓	✓	✓	✓
Date offset	✓	–	✓	✓	✓	✓
Variables	✓	–	✓	✓	✓	–
Action fields	–	–	✓	✓	✓	✓
Barcodes (1D/2D)	–	–	✓	✓	✓	✓
Ethernet interface	–	✓	✓	✓	✓	✓
Password Protection	–	–	–	✓	✓	–
Configurable inputs	+ / –	+ / –	+ / –	✓	✓	✓
DBPrint	–	–	–	✓	✓	✓
*Maximum recommended speed for barcode applications						