



Thermal Injet Coder

Markoprint IP-Jet HP



SPECIFICATIONS

The thermal inkjet printer IP-JET HP MK3 has been specially developed for use in harsh environments with dust or wet areas. With protection class IP 65, it is particularly suitable for the food industry as well as the plastics, pharmaceutical and chemical industries.

The IP-JET HP is a compact inkjet printer that combines the printhead and control unit in one system. Sealing the cartridge and pressurizing it prevent water and dust from entering. The power supply has a waterproof connector, the connectors of the external connections are protected with protection class IP 67. Unlike many other printers in the market, the printhead therefore does not have to be covered or dismantled for wet cleaning.

Equipped with the millionfold proven HP Class printing technology, the IP-JET prints texts, barcodes, two-dimensional codes, best-before dates, batch numbers, etc. up to 12.5 mm high and with up to 600 dpi resolution.

The water-based and solvent-based inks available for the system make it possible to realize many applications: paper, cardboard, painted surfaces, foils, plastics are labeled very legible and durable. The system is operated intuitively via the 3-button operation with LED status lights, so that even untrained employees can print easily and safely.

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