

Thermal Injet Coder

Markoprint Integra PP 108



SPECIFICATIONS

The X4JET is a universal, blindingly fast print controller for ink jet printing, which can control different types of inkjet printing technology either simultaneously or alternately.

This new model is the first Markoprint inkjet printer with PP Class printing technology. The Markoprint integra PP 108 has a circulating ink system. This automatically removes air from the rows of nozzles and ensures a permanently clean print image. The entire system is level-independent. This means that a difference in height between the print head and the ink tank is not a problem. The ink tank can be installed above, below or at the same height as the printhead. In addition, the new PP Class printhead has a print height of 108 mm and achieves a remarkable speed of up to 150 meters per minute (at a high resolution of 360 dpi).

- Air inclusions in the nozzle rows are not possible
- High resolution of up to 360 dpi vertical
- Speeds of 150 m/min (at 360 dpi)
- Prints small fonts from 1 mm as well as high-resolution graphics and logos
- Grayscale printing
- Easy starting and venting of the ink system
- Internal ink tank with large ink reservoir
- Pressure height of 108 mm without offset
- Pigmented MOF Oil Ink (mineral oil free): optimal for printing on absorbent surfaces in the food industry

TECHNICAL DATA

		X2JET	X4JET	integra Quadro	integra Quadro ²	integra PP 108
Supported printing technology		HP, LX, MX, XR, PP	HP, LX, MX, XR, PP	HP, LX, MX, XR, PP	HP, LX, MX, XR, PP	PP
Max. number of printheads		2	4	4	8	1
Max. number of production lines		2	2	2	4	1
Display		5,7" Touch TFT	5,7" Touch TFT	OLED	–	–
Dimensions in mm (length/width/height)		108/219/231	140/220/230	130/208/73	180/354/110	142/95/185
Weight in kg		2.9	3.4	1	5.1	6
IP Protection		IP40	IP40	IP40	IP40	IP40
Max. printing height in mm	HP:	25	50	50	100	–
	LX:	25	50	50	100	–
	MX:	200	400	400	800	–
	XR:	142	284	284	568	–
	PP:	208	416	416	832	104
External sensors		2	4	4	8	1
Internal sensors		–	–	–	–	–
Rotary encoder		2	2	2	4	1
Status/alarm outputs		4	4	4	8	4
Potential free contacts		4	4	4	8	–
Inputs		8	8	8	16	4
USB A for USB stick		✓	✓	✓	✓	✓
USB interface		✓	✓	✓	✓	–
EIA 232		✓	✓	✓	✓	✓