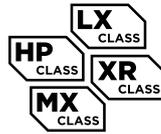


## integra Coreflex



### Universal controller with intuitive touch

- Optimized for operation at the production line
- Control of up to 4 print heads
- Multi-channel technology for different printing technologies on one controller is possible
- 5.7" touch screen and keypad for easy operation



### User-friendly and flexible applicable

The high-performance Markoprint integra Coreflex controller with its intuitive input unit is extremely user-friendly. All system parameters can be easily and quickly entered, saved and recalled via the integrated full keypad. The resistive high-resolution 5.7" touch display responds to pressure, so that operation is also possible with gloves or a pen.

The integra Coreflex is suitable as a tabletop or wall-mounted device, but can also be mounted directly on the production line. Due to the integrated print image design, the integra Coreflex can be used as a "stand alone" system. No integra Command software is required for creating or changing print images.

Print direction reversal and PLC text assignment are possible. Data selection is made via USB, network connection (LAN) or standard interface EIA-232.

General Information	
Supported printing technologies	HP, LX, MX, XR
Max. number of print heads	4
Max. number of production lines	2
Max. print height:	
HP	25/50 <sup>1)</sup>
LX	25/50 <sup>1)</sup>
MX	200/400 <sup>1)</sup>
XR	142/284 <sup>1)</sup>
External sensor	4x
Internal sensor	-
Encoder	2x
Status / Alarm outputs	4x
Potential free outputs	4x
Inputs	8x
USB-A for USB Stick	+
USB Interface	USB B
EIA232	+

<sup>1)</sup> only available with the "Unlock Head 2+4" Configuration

Software versions		Advanced	Pro/HiSpeed
Max. print speed in m/min at 300 dpi	HP LX MX XR	90/60* 90 90/60* 67/60*	90/180/60* 90/240/90* 90/60* 67/60*
Max. print resolution vertical	HP LX MX XR	300/600 300/600 64/192 180	300/600 300/600 64/192 180
Max. print resolution horizontal		50 to 900 dpi	50 to 900 dpi
Max. text length at 300 dpi		1 meter	3 meter
Text field		+	+
Counter		+	+
Time		+	+
Date		+	+
Date offset		+	+
Logo		+	+
Input of variables		+	+
Action fields		+	+
1D-Code		+	+
2D-Code		+	+
Data transfer per USB Stick		+	+
Ethernet		+	+
Password protection		-	+
Configurable in-/outputs		+	+
DBPrint		-	+

\* recommended for barcode applications, + available, - not available  
Technical changes reserved at any time



## Optional multi channel technology

The Integra Coreflex system is designed for use with HP, LX, MX, and XR printing technologies, making it highly robust and reliable for industrial environments. It features a dual-channel setup, allowing the second print head per channel to be unlocked, which is a paid service. This flexibility enables complex printing tasks, such as double-sided printing on products, and supports various configurations—one channel can hold up to four print heads of the same technology, or two channels can each support up to two print heads of different technologies. The system can operate simultaneously on two independent production lines, making it ideal for printing on multiple packaging lines at once. Its versatile capabilities include printing different texts, barcodes, logos, and variable 2D GS1 Data Matrix codes on primary and secondary packaging. It also offers flexible start points and adjustable printing speeds, enhancing efficiency and customization. Overall, the Coreflex is a powerful, flexible solution for complex packaging printing needs.

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