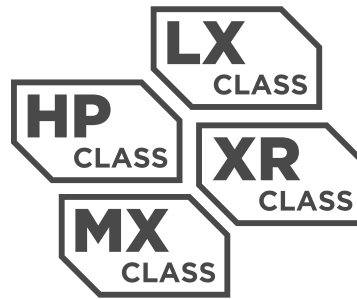


Universal controller with intuitive touchscreen

- » Optimized for operation at the production line
- » Control of up to 4 print heads
- » Multi-channel technology enables one controller to operate various printing technologies
- » 5.7" touch screen and keypad for easy operation



User-friendly and Customizable

The **Markoprint integra Coreflex** is a high-performance controller designed for smooth integration into production lines. It can control up to four print heads and supports multi-channel operation, allowing different printing technologies to run on a single controller.

It features a 5.7-inch resistive touch screen and a full keypad for quick and easy operation. The touchscreen can be used with gloves or a stylus, making it suitable for industrial environments. System parameters can be entered, saved, and recalled.

The Coreflex can be used on a tabletop, wall-mounted, or installed directly on the line. With integrated print image design, it operates as a standalone system—the integra Command software is not required. Print direction reversal and PLC text assignment are also supported.

Data can be loaded via USB, LAN (Ethernet), or a standard EIA-232 interface, ensuring compatibility with various production setups.

| 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 ¹⁾ |
| LX | 25/50 ¹⁾ |
| MX | 200/400 ¹⁾ |
| XR | 142/284 ¹⁾ |
| 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 | + |

¹⁾ only available with the "Unlock Head 2+4" Configuration



Optional Multi-Channel Technology

The **integra Coreflex** system is built to support HP, LX, MX, and XR printing technologies, making it a rugged and reliable choice for demanding industrial environments.

It features a dual-channel setup, with the option to unlock a second print head per channel (available as a paid upgrade). This gives you the flexibility to handle complex print jobs, such as double-sided printing or running different print technologies on the same system.

| 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

The Corflex can run up to four print heads of the same technology, or you can split them—two heads per channel—using different technologies. The Coreflex can also operate on two separate production lines at the same time, making it perfect for printing across multiple packaging lines simultaneously.

With its ability to print different text, barcodes, logos, and variable 2D GS1 DataMatrix codes on both primary and secondary packaging, the Coreflex delivers true versatility. You also get adjustable print start points and customizable print speeds, giving you greater control and efficiency.

The Coreflex is a powerful, flexible solution for complex, high-volume packaging and product marking applications.

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