



Mark Vi Trac Systems

Obsessed With Quality Since We Were Born

First class **results** on
virtually any **substrate**



Thermal inkjet Coder (TIJ)

Markoprint X1 JET HP Standard

Markoprint X1jet Standard is based on the reliable Thermal Ink Jet (TIJ) technology developed by Hewlett Packard. The Printhead and the controller are located in a compact unit which can easily fit into your palm. The printer is compatible with all water and solvent based HP cartridges and print bonding is achieved on all absorbent and semi absorbent surfaces, swiftly and surely.

Easy to use

No training necessary Printing with the X1JET is simple, due to 3-logic intuitive operation with LED status light. Data transmission is initialized with USB stick/interface.

- User friendly due to 3-logic
- Select and print directly upto 9 layouts/labels

Universal and flexible use

X1JET uses true type fonts for printing. All conventional 1-and 2-dimensional codes* can be printed. The controller is fully integrated into the print module.

- Highly compact design (see also picture in original size) Simple integration into packaging systems and conveyors for printing from the side or top
- Printing height up to 12.5mm

Control

The system X1JET allows data transmission via USB stick. Each controller has a network connection (LAN) or a standard ETA-232 interface. Print layouts are created with iDesigns software.

- Data transfer using USB stick
- Data transfer connecting Ethernet ETA-232
- Data transfer connecting to option interface (printing communication from PLC or external photosensor)
- Data transfer enabling web interface
- X1Jet Printers: The X1jet Printer is the pocket sized David that outperforms all Goliaths in the arena of thermal inkjet printing. This powerful printing system which fits snugly in your palm is available in upgradable versions for printing fixed as well as variable data. This innovative system incorporates the reliable HP TIJ technology which is widely used for printing on porous & semi-porous surfaces in the Pharmaceuticals, F&B, Printing and Timber Industry.

Markoprint X1 JET Stitch



USB stick data transfer

Dynamically transfers Data created with a PC to the printer

Ethernet

Data transfer from networks and Web interface



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Integra Quadro Controller

The Integra Quadro Controller is the latest innovation from the Markoprint line of print controllers from Weber Marking Systems. The new multi head controller is more compact than its predecessor the XB4Jet and its space saver design ensures its mounting in restricted spaces and control cabinets. Unlike the XB4Jet, the Integra Quadro Controller has a small display which the operator can use to edit the Label Settings. A maximum of four heads can be controlled by a single Integra Controller. The flexibility of using 2 heads apiece on two production lines running at varying speeds is retained in the Integra Quadro Controller. The controller operates on an input supply of 24V DC which can be provided direct from the PLC or an external SMPS. In a nutshell, the Integra Quadro Controller is economical, ruggedly designed for operation in extreme conditions and a versatile controller which brings flexibility to the fingertips of the operator.



Integra Quadro²

to connect up to eight printheads. Print heights with HP and LX printheads up to 100 mm; with MX, up to 800 mm.

High-speed controllers for all Markoprint printheads

The compact and robust controllers Integra Quadro and Quadro² are used to control the inkjet printheads for product marking solutions.

The following Markoprint printing technologies are supported: Hewlett-Packard, Funai, Trident.

- Simultaneous marking of primary and secondary packaging using a controller
- Printing on up to two production lines with the Integra and up to four production lines with the Quadro²
- Perfect for installation in control cabinets as it offers full remote control capabilities through different interfaces
- Print layout can be designed using the iDesign software included in the scope of delivery
- Print layouts are sent to the Integra using the network connection, EIA232, USB interface or a USB stick



Markoprint X2JET Touch and X4JET Touch

Intelligent high-speed control systems for demanding marking applications Three printing technologies can be controlled simultaneously.

- Touch surface to operate the system easily
- Parallel operation using a standard keypad and function Keys
- Networking possibilities using TCP/IP, USB and EIA232
- Possibility of printing on up to two production lines
- Simultaneous marking of primary and secondary packaging using a controller



Markoprint Printheads



Wide Ink Range

A wide range of water - and solvent -based inks to work with many applications. Paper, cartons, coated surfaces, foils, plastics etc are coded permanently, with excellent resolution. Ultimate flexibility only available with cartridge based coding system.

Video of few application:

Please scan the QR code to see the videos of a few applications

