DATA SHEET

Markoprint printing system

IP-JET HP MK2

# IP-JET HP MK2

**Compact thermal inkjet printer with IP65 protection rating for industrial environments.**

The IP-JET HP MK2 inkjet printer was specially developed for use in harsh environments with high exposure to dust and moisture. This solution is particularly well suited for use in Food & Beverage and also in industries such as plastics, pharmaceutical and chemicals.

The compact system combines the printhead and controller all-in-one. The sealed enclosure and waterproof interface prevent moisture ingress and dust particle contamination. The unit is also powered via a special main power unit with a waterproof M8 plug. The external connections have plug-in connectors with IP67 class protection. Unlike many other printers on the market, the printhead has excellent protection and requires no cover or dismantling during washdown.

With the latest in Hewlett Packard print technology, the system will print text, barcodes, 2D codes, best-before dates, batch numbers etc. up to 12.5 mm high and with resolutions up to 600 dpi.

The water- and solvent-based inks used by the system open the door to many applications: paper, cartons, varnished surfaces, foils and plastics, all printed with highly legible and permanent print.

The system is operated via 3 buttons with LED status lights, for ease of operation and user friendliness.

Intelligent SmartCard cartridge monitoring ensures consistently good print results. It will identify the current type of ink and adjusts the relevant ink parameters automatically.

The SmartCard will also capture and store the specific ink fill level. The print system detects used cartridges and reports current ink fill levels to the controller. This eliminates unexpected production downtimes, allowing the operator to arrange for replacements in good time. Quick and easy with a single hand movement - thanks to the patented "Click'n Print" cartridge holder.

AT Information Products, Inc.
575 Corporate Drive, Mahwah, NJ 07430 • Phone 201-529-0202 • Fax 201-529-5603
www.atip-usa.com

# IP-JET HP MK2

| Performance data | Pro version |
|---|---|
| Maximum print speed | |
| HP (Hewlett Packard) | 90 m/min |
| Print resolution | |
| - horizontal | 50 to 900 dpi |
| - vertical | 300 or 600 dpi |
| Maximum print height | 12.5 mm |
| Maximum text length | 2 m |
| Text field | yes |
| Counter | yes |
| Time | yes |
| Date field | yes |
| Date offset | yes |
| Logo | yes |
| Input of variables | no |
| Action fields | yes |
| 1D code / 2D code | yes / yes |
| Data transfer by USB stick | yes |
| Ethernet | yes |
| EIA232 | yes |
| Password levels | yes |
| Configurable: 2 inputs/4 outputs | yes |
| | |
| **Technical data** | |
| Mains unit supply voltage | 100 - 240 VAC / 50 - 60 Hz (1~) |
| Unit supply voltage | 12 - 24 VDC |
| Power consumption, maximum | 25 W |
| Power consumption, standby | 1.6 W |
| Ambient temperature | 5 to 40 °C |
| Protection class (with overpressure) | IP 65 |
| Splash guard | yes |
| Certification | CE |

Technical changes reserved.

AT Information Products, Inc.
575 Corporate Drive, Mahwah, NJ 07430 • Phone 201-529-0202 • Fax 201-529-5603
www.atip-usa.com