Digital print meets closure handling

IMDvista Closure Digital Print CLDP is a complete system solution for digital closure printing with an integrated inspection system. This is the result of a successful Swiss partnership between market leaders IMD Ltd. and Hapa. The two companies have combined proven technologies in one system solution: IMDs expertise in closure handling and vision inspection systems together with Hapas technology and expertise in late stage customisation and on demand printing solutions for the pharmaceutical packaging industry.

Visitors to Drinktec 2017, had the chance to see IMDvista's Closure Digital Printer in operation for the first time ever. The CMYK printer achieved highest print speeds of up to 1,500 ppm at a high resolution of 720 dpi. Flexible customer-oriented printing solutions in high printing quality and the benefits for the industry are the results of the Swiss partnership. Changeover in print format and closure design is easy and fast. It is possible to print any quantity, instantly with flexible and quick delivery time. CMYK printing can be combined with a white print head to be as flexible as possible for almost no limits in artwork and colour. The unique ink handling makes the system easy to use for the operator, and by using calibrated ink, CLDP ensures the same print quality and colour everytime. The automated cleaning and conserving system is the base of a robust and clean industry proven digital printing system.

Hapa's low migration ink, specifically developed and optimised for the digital printing application, makes the system reach unseen adhesion. Ink migration is compliant with EU10/2011.

To make sure 100% conforming print is reaching the customer, the new IMDvista V5 Vision Control Center is included in the system. The V5 user-friendly software is equipped with a multi touch feature and has advanced functionality than version 4. In combination with the IMDvista Portal, one will have access to all of the production lines on one large touch screen. Deviation and alarms are easy to understand and analyse, allowing immediate action can be taken, saving time and money.

The IMDvista V5 Vision Control Center is the base software interface for all future systems and applications, including closure, preform, barrier or even bottle inspection systems.

www.hapa.ch
www.imdvista.ch

IMD Technology (CLDP)

- IMDvista WFS Waterfall Sorter
- Special vacuum conveyor (metal instead of plastic)
- Closure pretreatment
- Controlled and monitored by the IMDvista V5 Vision Control Center
- All integrated in a compact system

HAPA Technology (CLDP)

- High speed CMYK printing up to 1,500 ppm
- Outstanding print quality / high resolution up to 720 dpi
- Automated ink handling (cleaning and conserving system)
- Hapa low migration ink (passed SM according EU 10/2011)