

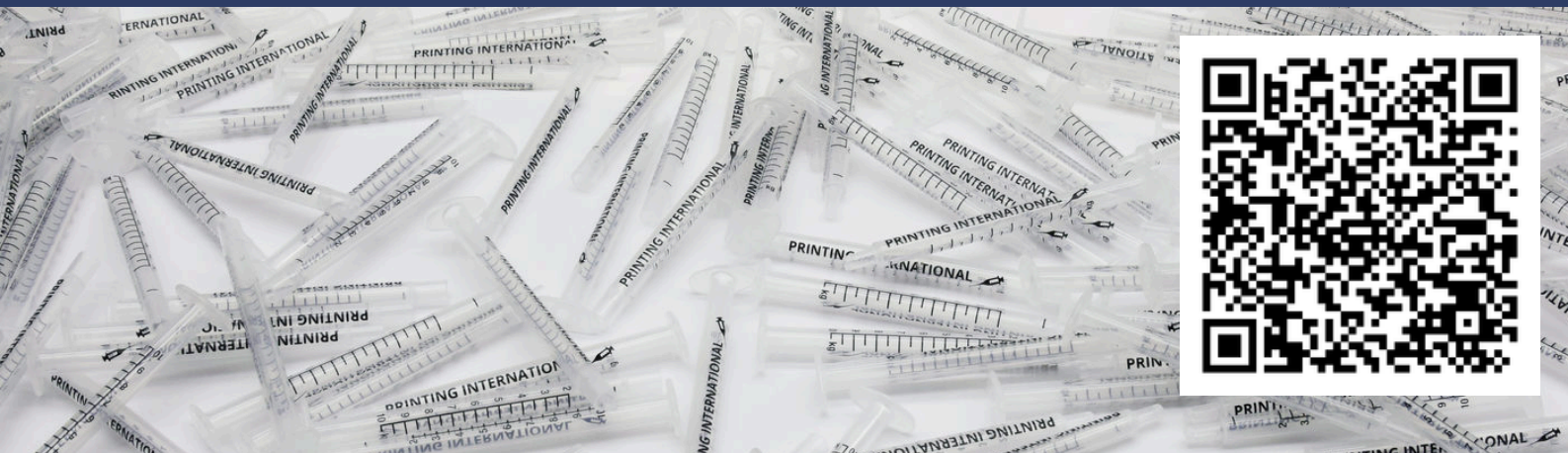


PRINTING
INTERNATIONAL



NeXt generation

SMART printing equipment



www.printinginternational.com

PAD PRINTING OF TOMORROW

SMART DESIGN PRINCIPLES



- Quality materials
- Quality components
- Quality technologies



- Ergonomic
- Safe
- Easy to operate



- Short machine changeover
- Automated machine setup
- Automatic camera-inspection



- Data captation / monitoring
- Connectivity / remote acces
- Logging / traceability
- OEE reporting
- Automated corrective actions
- Monitoring of consumables

SMART MACHINES

- Interchangeability designs
- Minimised operator mistakes
- DATA LOGGING & analytics
- Quick design change-over
- Next level printing with VISION system
- Traceability of consumables
- Energy management



SMART PAD PRINTING MACHINES

HIGHEST EQUIPMENT EFFECTIVENESS



OEE

Printing International's **smart design** and integration of innovative **patented technology** results in the highest scores on availability, Performance and quality hence exceeding in OEE values.

Next it offers a unique usage of available data for easy reporting, traceability of consumables and follow up actions.

Centralised recipe solutions offers you a worldwide flexibility in planning and sourcing solutions.

Technology made available today answering the expectations of tomorrow !



AVAILABILITY

X



PERFORMANCE

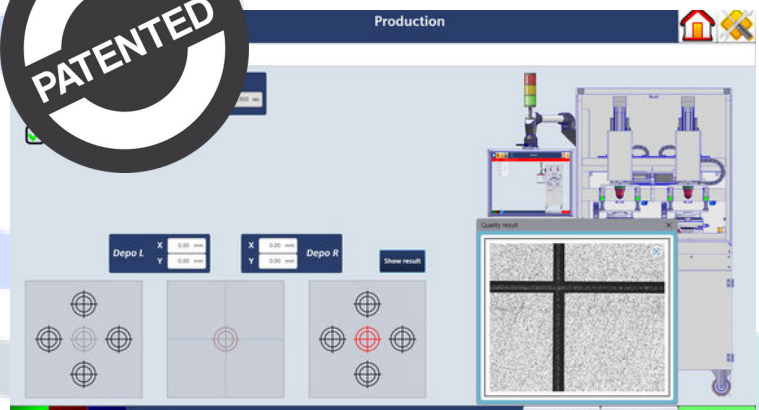
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QUALITY

HIGHEST PRINT PRECISION

Printing International's custom pad printing equipment is optimized to print within very **tight tolerances** in medical device printing by the use of **high resolution camera vision** combined with servo motion positioning. Developed for **clean room** environment, printing with USP class VI biocompatible inks, radiopaque inks and conductive inks.



SMART FUNCTIONAL FEATURES

SMART CAMERA INSPECTION SYSTEMS

Vision check

- Product orientation using camera and servo controls
- Measuring position/quality/colour of printing design
- Assembly check of position/quality
- Analysis CpK value, auto-correction



SMART PROCESS INTEGRATION



Assembly product:

- Orientation products mechanical / camera
- Assembly in printing process
- Quality assembly check camera

Tray loading:

- Tray loading by robot / H-gantry
- Conveyor system for loading / unloading trays
- Camera check empty tray / full tray

Medical Device products

We can supply you with the technology to print onto syringes, catheters, inhalers, infusion and tranfusion sets, injection devices.....



All products

All materials