



BLUEMARK E.CARD

UV inkjet card printers

Efficient UV inkjet printers

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The BLUEMARK E.CARD UV inkjet card printer sets new standards in industrial identification. It is characterized by its high efficiency and resilient identification solutions. With a modular ink concept, the UV inkjet printer enables optimum printing results on plastic and metal materials. It is therefore particularly suitable for use in control cabinet and machine building.



Your advantages

- ✓ Time savings with automated material processing
- ✓ Efficient marking processes and durable marking solutions with a modular ink concept
- ✓ Perfect printing results on plastic and metal materials
- ✓ Easy operation with intuitive user guidance via the printer display and data exchange via OPC UA interface and marking software
- ✓ Low maintenance with easy replacement of the ink cartridge

Efficient marking of card materials with the UV inkjet printer

The BLUEMARK E.CARD marks card materials with an innovative combination of thermal inkjet technology (TIJ) and UV LED-curing inks. This technology enables a high print resolution and low maintenance. In the field of industrial identification, the areas of application range from protected

control cabinets through to machines and systems in which markings are exposed to chemical and mechanical influences. Regardless of the requirements you have on your industrial identification, the BLUEMARK E.CARD combines an efficient marking process for processing

UCT materials (polycarbonate) and highly resistant marking solutions with UC materials (polyamide) and metal labels.



You will find further information at:
phoenixcontact.com/bluemark-e-card



High efficiency

The compact printer processes materials using an automated card transport system. Materials are fed to the printing process and stacked for removal after marking. It is possible to refill materials without interrupting the printing process. This results in significant time savings compared to UV inkjet printers with manual material processing.



Perfect print results

The BLUEMARK E.CARD works with a modular ink concept. With the help of automated material recognition, the printer determines an ink combination tailored to the base material and prints the material using specific marking parameters. This results in fine and sharp typefaces. Due to the intensive curing of the ink with UV light, markings are wipe-proof, scratch-proof, and chemical-resistant.



Low maintenance

The ink cartridges for the printer consist of the ink system and printhead. As the printhead is regularly replaced along with the cartridge, the printer provides a consistently high print quality and requires little maintenance. When the printer is not being used, the ink cartridges can be stored in the storage compartment. This prolongs the shelf life and avoids additional energy consumption for regular cleaning operations.

Open communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for producing forward-thinking products and solutions for the comprehensive electrification, networking, and automation of all sectors of the economy and infrastructure. With a global network, we maintain close relationships with our customers, something we believe is essential for our common success.

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