MARKING system

BLUEMARK ID and BLUEMARK ID COLOR

PHŒNIX CONTACT

INSPIRING INNOVATIONS

MARKING system
Simply easy!

We simplify your daily work – this is the promise backing every industrial marking and identification solution from Phoenix Contact. The MARKING system portfolio offers intuitive and user-friendly solutions for every application, from planning right through to the finished marking.

Printers

Whether laser markers, high-speed UV LED printers, or thermal transfer printers: all of these systems operate using a uniform user-friendly operating menu that provides you with intuitive support as you create your marking.
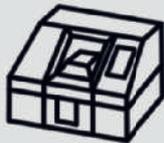
Your advantages

- ☑ Everything from a single source, from planning right through to the finished marking
- ☑ High-quality results in no time, thanks to perfectly coordinated components
- ☑ Time savings, thanks to the rapid integration of our software and devices into your existing structures

Services

Expert support for every issue – by e-mail, phone, or directly on site. We stand ready to assist you at any time with services that are tailored to your individual needs.

Software

Easily plan your terminal strips using the PROJECT complete software, and create the corresponding markings in a single step.

Material

The MARKING system covers every application with a wide variety of marking materials. Numerous versions are available for marking terminals, conductors and cables, devices, and systems for any demand.

BLUEMARK ID and BLUEMARK ID COLOR
Industrial identification made easy

The new generation BLUEMARK ID printing system is the all-in-one solution for industrial identification. In addition to monochrome printing, the BLUEMARK ID COLOR system also marks with CMYK multicolor. The intuitive graphic user interface is particularly easy to operate and does not require a long training period. The clear menu structure offers lots of additional support, from how-to videos through to automatic material recognition.

Technology in top form

Innovative UV LED printing technology creates markings that are resistant to wiping and scratching as soon as they have been printed. What's more, BLUEMARK ID devices use this method in a way that is extremely environmentally friendly. Printing is totally emission-free.

[i] Web code: #1092

High-quality color print

The BLUEMARK ID COLOR is a CMYK printer. Thanks to the innovative UV LED printing method, the high-quality markings can be used immediately after removal from the printer.
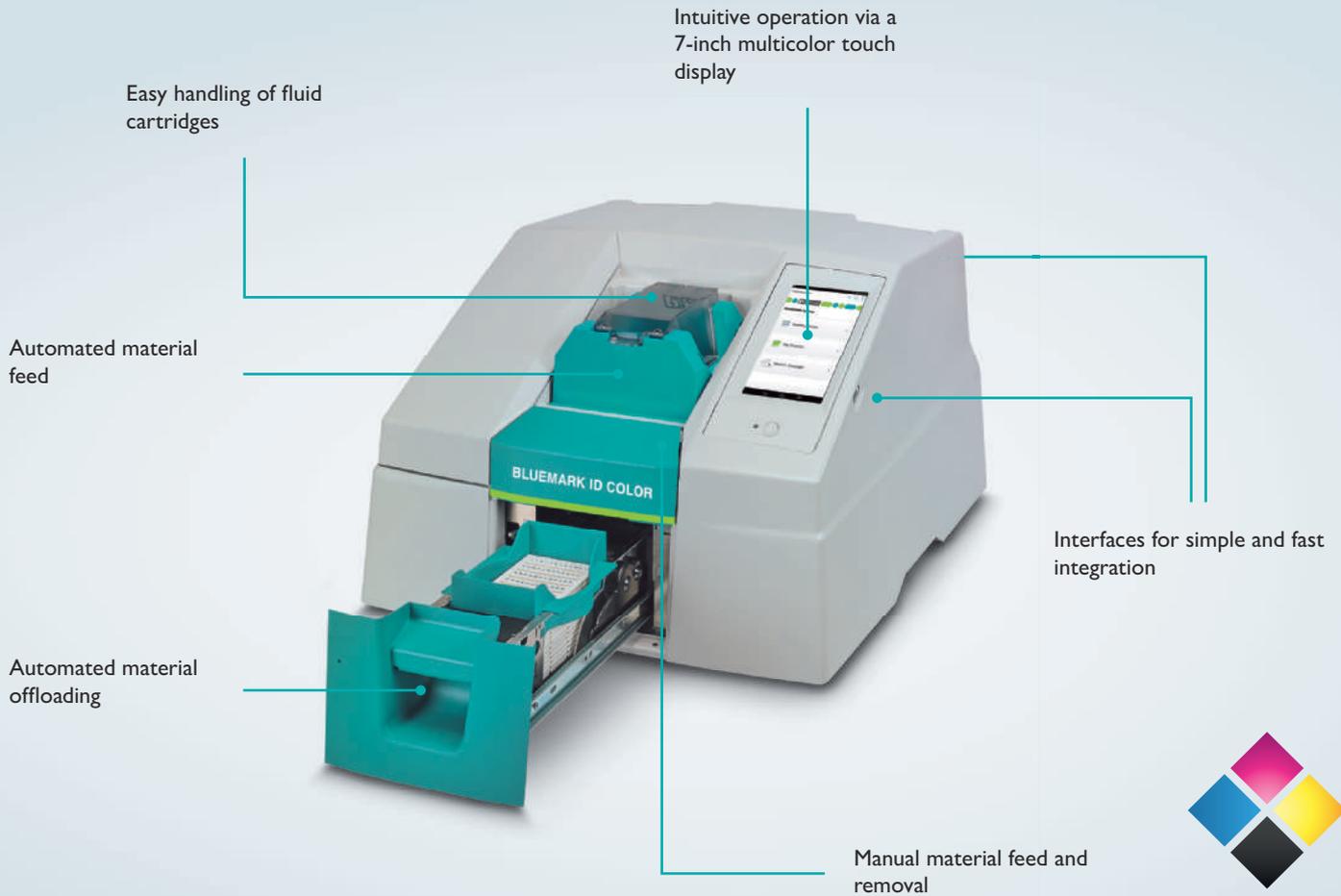
Intuitive operation

The integrated marking software supports the entire printing process. The direct entry of print data and the easy menu navigation ensure intuitive operation.

Maximum speed

The offloading function enables more than 14,000 markers to be processed per hour with color printing, and 21,000 markers per hour with monochrome printing. The use of several magazines speeds up large-batch printing jobs.

Intuitive operation via a 7-inch multicolor touch display

Easy handling of fluid cartridges

Automated material feed

Automated material offloading

BLUEMARK ID COLOR

Interfaces for simple and fast integration

Manual material feed and removal

UV-LED

Flexible material assembly

The additional integrated front feed enables individual UC/UCT sheets, aluminum labels, and US cards to be printed.

Unique material selection

The printers can process more than 1,300 printing materials. Alongside plastic labels in UCT, UC, and US format, the devices also create markings on aluminum.

Optimized consumption

From full capacity, the fluid cartridge produces more than 1.4 million characters. The four containers can be replaced separately if required – so the printer is able to use every last drop from each cartridge.

UV LED printer

Technical data

Type	BLUEMARK ID COLOR	BLUEMARK ID
Description	UV LED printing system for color printing	UV LED printing system for monochrome printing
Order no.	1002329	1003334

Technical data

Printing technology	UV LED
Print resolution in dpi (BLUEMARK ID COLOR)	1,200 x 1,200 (default), 2,400 x 2,400 (HD)
Print resolution in dpi (BLUEMARK ID)	300 x 300 (default), 600 x 600 (HD)
Print area [mm]	104 x 140
Printable material	UC, UCT, UM, and US materials and aluminum markers
Interfaces	1 x LAN RJ45 (Ethernet), 1 x USB 2.0 device, 2 x USB 2.0 host
Operating systems	MS Windows 7 (32/64-bit), MS Windows 8 (32/64-bit), MS Windows 8.1 (32/64-bit), MS Windows 10 (32/64-bit)
Display	7-inch multicolor touch display
Power supply [V]	100 … 240 / 50 Hz … 60 Hz
Dimensions [mm]	523 x 675 x 340
Weight [kg]	21

Accessories

Description	Type	Order no.
Infeed magazine for accommodating a maximum of 20 UniCard sheets	BM ID-MAG20	1044356
Infeed magazine for accommodating a maximum of 40 UniCard sheets	BM ID-MAG40	1044357
Adapter plate for accommodating US sheets	BM ID-ADAPTER PLATE-US	1044355
Presentation case for transportation	BLUEMARK ID CASE	1049953

Consumables

Description	Type	Order no.
Replacement UV fluid, color: black	BM ID-CARTR. BK	1044345
Replacement UV fluid, color: cyan	BM ID-CARTR. CY	1044346
Replacement UV fluid, color: magenta	BM ID-CARTR. MA	1044347
Replacement UV fluid, color: yellow	BM ID-CARTR. YE	1044348
Replacement cleaning cartridge	BM ID-CLEANING CARTR.	1044350

Replacement parts for transportation

Description	Type	Order no.
Dummy cartridge for transportation	BM ID-DUMMY CARTR. BK	1044351
Dummy cartridge for transportation	BM ID-DUMMY CARTR. CY	1044352
Dummy cartridge for transportation	BM ID-DUMMY CARTR. MA	1044353
Dummy cartridge for transportation	BM ID-DUMMY CARTR. YE	1044354
Original packaging for transportation	BM ID-CARDBOARD BOX	1044361

In dialog with customers and partners worldwide

Phoenix Contact is a globally present, Germany-based market leader. Our group is synonym for future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. A global network across more than 100 countries, and 16,500 employees ensure a close proximity to our customers, which we believe is particularly important.

The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for different applications and industries. We especially focus on the fields of energy, infrastructure, process and factory automation.

You will find our complete product range at:

phoenixcontact.com

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