



# Goes right under the skin

## Continuous Inkjet alphaJET is in line with the vision of quality and safety

**Manufacturers of cosmetics and pharmaceutical products always set very high requirements in terms of quality and pureness. Webpages and advertisements communicate these visions to consumers. It all appears white, clean and pure.**

But not only externally, also within the own production processes the topic «clean workplace environment» takes an even higher value in company philosophies.

The alphaJET continuous ink jet printer with its extremely low emission values is always the first choice when it comes to meet these requirements.

### **Goes right under the skin**

Headquartered in Berlin MT.DERM GmbH is the market leader for cosmetic devices in the field of injecting substances under the skin.

Colours are produced for cosmetic applications such as permanent make-up, micro-needling and tattoos. In addition to the development of innovative tattoo colours and equipment, MT.DERM is also very successful as a medical technology company in medical applications.

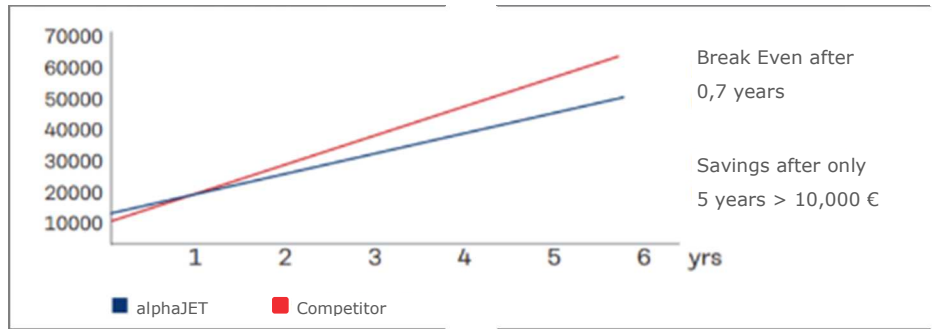
Founded in 1998, MT.DERM products are now exported from Berlin to over 40 countries worldwide.

The production for tattoo and cosmetic studios and for hospitals is performed according to ISO 13485 certification.

*„The health of our employees and a comfortable working environment are very important to us. Therefore, an alternative to the existing marking device had to be found, which would result in serious changes in the workplace environment.“*

*Marc Schneider  
Leader colour production*





## 01 Base case

Transparent packaging made of PE, PP and PET with various bottle shapes are marked with a 3-line marking including product name, batch number and expiry date.

All products were marked from above with black ink. A competitor's continuous ink jet is integrated into a conveyor belt that runs up to 30 m/min.

The odor nuisance emanating from the existing system caused enormous problems. Although an extraction system was installed, the strong smell emission was no longer acceptable to the employees.

## 02 So simple yet standard

All alphaJET inkjet printers from Koenig & Bauer Coding GmbH are equipped with **RE-SOLVE Ultra** (solvent recovery) as standard.

With a solvent consumption of less than 2 ml/h (at 20°C temperature), the alphaJET is therefore also the **cleanest** and **most economical** continuous inkjet on the market worldwide.

The results are **minimal emission** and **operation costs** with **positive effects** for:

- The employees working at the production line
- The procurement manager
- The company

## 03 Positive effects

The odor nuisance is a thing of the past, now. The employee on the production line feels valued by improvement of his working environment.

The purchaser, who always has to keep an eye on follow-up costs for operating materials, saves the maximum on solvents. After only 0.7 years, the break-even point is reached. After 5 years the savings are over € 10,000.

The company is pleased about satisfied employees who demonstrably have less sick days.

*Marc Schneider  
Leader colour production*

*„The odor nuisance was no longer acceptable to our employees. Already during the demonstration of the alphaJET into, all people involved noticed the absence of the smell of solvents, which is often so typical for continuous inkjet marking.“*

### alphaJET - continuous ink jet technology

Contact-free printing with continuous ink jet is a proven system for applying variable data directly to the products. It offers users a high degree of flexibility and delivers accurate print results.

For more information: [coding.koenig-bauer.com](http://coding.koenig-bauer.com)

Our alphaJET portfolio offers models in different high-performance versions to meet the needs in every application to fulfil individual coding requirements.

