

# Cooperation for pMD inhalers

Pressurized metered dose inhalers (pMDI) play an essential role in the treatment of various respiratory diseases. They contain active ingredient and propellant; when the device is actuated, an inhalable aerosol is released. Together with Koura, a leading manufacturer of medical propellants, and the pMDI expert Pharmatec Solutions, Harro Höfliger is working on a special dosing technology. In this two-stage filling process, the container is first filled with the solid active ingredient and only in the second stage with the propellant. This enables exact dosing of API and facilitates the use of new, more climate-friendly propellants. The main focus of the collaboration is on joint proof-of-concept trials, with particular emphasis on process simplification and scalability.



**koura**  
An Orbia business.

Pharmatec  
Solutions Ltd.

**HH** Harro  
Höfliger



## Tomorrow's experts

29 apprentices and dual students have started their professional career at Harro Höfliger in fall 2023. Regardless of their chosen apprenticeships, they are learning basic skills in metal processing, as well as electrical and control technology for mechanical engineering during the first few weeks at the company's own training center – the Academy at the Allmersbach im Tal headquarters,

## New subsidiary in Switzerland

Since September 1, 2023, Harro Höfliger has been represented by its own sales and service company in Switzerland. From Uhlmann Höfliger Schweiz GmbH – a joint subsidiary of Uhlmann Pac-Systeme and Harro Höfliger founded in 2005 – two independent companies have emerged: Harro Höfliger (Schweiz) AG in Reinach near Basel, and Uhlmann Schweiz GmbH in Arlesheim. Harro Höfliger's team will continue to support Swiss customers in all matters of production processes and services, and plans to continue its successful growth.

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