

New cleanroom facilities

At the Allmersbach im Tal site, ten ultra-modern ISO class 8 cleanrooms offer customers additional capacity for testing originator products with an optimum of practical relevance, and for machine acceptance tests (FATs). Two of the rooms have special air locks and are therefore also suited for certain highly potent substances. Throughout the entire system, ventilation technology allows individual control of temperature and humidity conditions in accordance with the latest standards. A new laboratory has also been installed – giving Harro Höfliger 60 square meters of laboratory space. ■



Substantial

10

From four to ten: Expansion in several construction phases.

Ultra-modern

60 m²

More space for product studies and tests thanks to a new laboratory equipped to the latest standards.

Large-scale

500 m²

Several hundred square meters of cleanroom space for the processing of active substances and sensitive products.

Printing instead of heat sealing

Harro Höfliger has developed a completely new process for the water sealing of water-soluble pouches filled with cleaning agents. Print heads, such as those used in ink jet printers, with pinpoint accuracy and in a controlled manner moisten the film made from polyvinyl alcohol (PVOH) with water to begin to dissolve it. Contact with the second film produces a very homogeneous, dense and extremely resilient sealing seam, which is

significantly narrower than with conventional heat sealing. The same film width allows more packs to be produced with any desired contour and with shorter production times. Cameras continuously monitor all processes and provide 100% quality control of all pouches. The contactless water application does not cause any contamination and thus reduces the cleaning and maintenance efforts and expenses for the system. ■