

From Manual to Digital: Enhancing Efficiency and Accuracy in Lab Processes at Bachem AG

Zishan Butt

Project Manager QC

Bachem AG, Hauptstrasse 144, 4416 Bubendorf, Switzerland

zishan.butt@bachem.com

The digital revolution has transformed the economy, and the pharmaceutical industry is no exception. At Bachem AG, we are taking steps to fully digitize our laboratory processes. Furthermore, we are following the mission of fully automated analytical platforms for simple analytics. Our approach includes modular digital solutions to improve the efficiency, accuracy and consistency of our workflows. This step-by-step approach allows us to gradually integrate automation units such as eluent generators and weighing robots for significant benefits regarding repetitive work. In our presentation, we share our digital journey, the challenges we face, and our vision for a future-proof lab that leverages digitization for operational excellence.