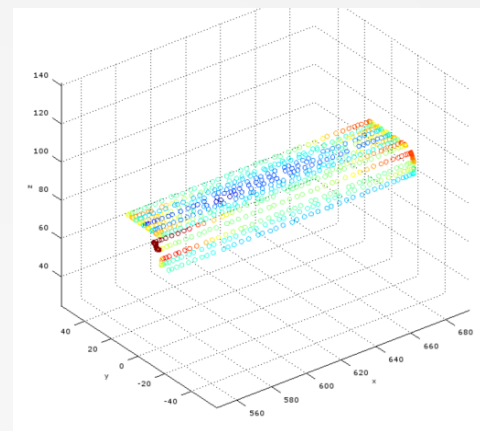


Blister Thickness Measurement

Automation of Thickness Measurement Process through P-Rob allows a significant reduction of production costs, improves the measurement accuracy and reduces space requirements.

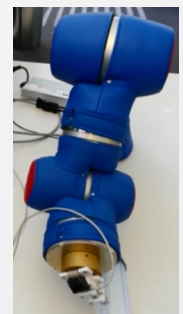


Challenge

The Swiss company produces customized high-quality packaging solutions for the packaging of medical and hygienic articles and needed to automate the measuring of the thickness of thin, transparent blisters.

All in one solution for the automation of the measurement and the analyzation process

A P-Rob® 1R is equipped with a magnetic measuring stick by a plastic adapter, mounted to the gripper flange of the robot. This allows the automation of the measurement process. The data is automatically plotted on a 3D graph based on the robot's coordinate system and kinematic calculation. The results show the thickness in different colors to allow the specialist a fast visual impression. The whole procedure requires less space and provides more accurate measurement results.



Company Profile

The company with its more than 350 coworkers produces customized high-quality packaging solutions to customers in the field of MedTech. The automation of the process thanks to P-Rob allows the company to save space and get more accurate measurement results. This leads to a reduction of the whole production costs.