

CRÈME FILLING COBOT SOLUTION – FLEXIBILITY, STABILITY & SCALABILITY

The **Technicon Crème Filling Cobot Solution** consists of a 800 x 800 x 800 mm Flex Module with a glass surface which makes it easy to clean and maintaining a high hygienic level.



On each module two UR7e cobots are mounted. The UR7e has a 850 mm. reach and a payload of 7,5 kg.

The two UR7e cobots work in close collaboration effectively handle the entire crème filling process: One UR7e smoothly picks up an empty container from rack, effectively ensure accurate filling and the second UR7e gently add a cap to each container.

Before the second UR7e ensure that each filled container is correctly placed in a rack an integrated printer prints a batch number underneath each container. This ensures a steady flow.

SOLUTION OVERVIEW

Onto each UR7e a 3FG15 Gripper from OnRobot is mounted. The 3FG15 Gripper is a strong, stable gripper with 3 contact points. The 3FG15 Gripper's accurate centric positioning drives higher quality, consistency, and output with minimal programming.

The modularity ensures a choice between a variety of different grippers. If a vacuum gripper or a 2FG Finger gripper is required for customized purposes, it is easy to swift between various grippers. This can be done within seconds by any operator.

This makes the **Crème Filling Cobot Solution** easy to redeploy for multiple processes, adding a high degree of flexibility to any production set up.

Due to its compactness the **Crème Filling Cobot Solution** is designed to optimize the utilization of limited space. The solution can easily handle a variety of containers in different sizes and shapes.





TECHNICON CASE

Solution Benefits

- + The **Crème Filling Cobot Solution** can easily be integrated with any existing production set up increasing the utilization of capacity, significantly reduces repetitive physical tasks. Thereby the **Crème Filling Cobot Solution** frees up resources and adds value.
- + The **Crème Filling Cobot Solution** is modular and scalable and can be installed in both a moveable and fixed version. Due to the build-in-stop-function and the integrated sensors the **Crème Filling Cobot Solution** operate smoothly and safely in busy environments.
- + The **Crème Filling Cobot Solution** is ideal for any production set up where high mix low volume, efficiency, a high hygienic level, stable product quality, compliance and delivery reliability are essential parameters.