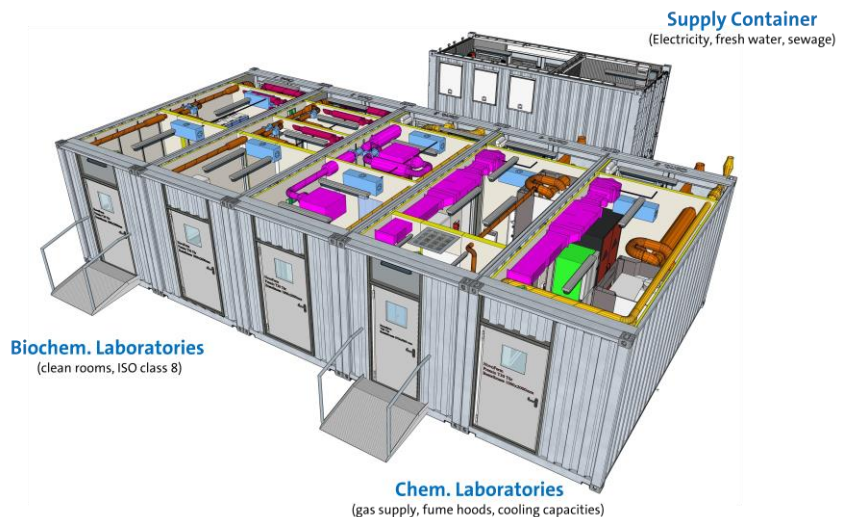




The novel modular Container Lab bridges the gap between site-based high-performance analysis and mobile, handheld in-situ analysis.

The Container Lab provides a state-of-the-art, highly flexible and efficient lab environment, allowing for investigations that meet the highest technological standards.



It is modular in design and can be assembled according to one's needs. The lab is suitable for wet chemical work (e.g. emergency conservation measures) as well as work under clean-room conditions (ISO 8), which are required for molecular biological work (e.g. collection of DNA or peptide samples). The laboratories are equipped with digestors, gas cylinders, chemical cabinets, and refrigeration capacity. Access to the facility is controlled via airlocks, and the interiors are climate-controlled such that valuable artefacts can be accommodated. Currently, the facility consists of five 20-foot high-cube containers. If a larger facility is needed, additional modules can easily be added. The entire facility can function self-sufficiently as an additional sixth container houses power generators and a 1000-liter diesel tank. There are also fresh water and wastewater tanks. Gas is supplied by mobile gas cylinders.

All containers are designed for worldwide use and can be transported by ship and truck. The container boxes are seaworthy shipping containers with CSC safety approval, which means that they can be transported on container ships without restriction.

Depending on the task at hand, the containers can be equipped with specific instruments. They are thus ideally suited to operate in a problem-oriented manner.