



SAS-LAB - Mobile Laboratory



The drinking water supply in the event of a disaster must ensure the purity of the water. But the quality of the test results clearly depends on the laboratory environment. The SAS-LAB provides a mobile and autonomous solution that ensures air-tight and sterile work environment in a decentralised manner in all possible surroundings. Depending on the application, the mobile laboratory can be equipped with the necessary test equipment and instruments (such as an incubator or steriliser) and easily transported to the place of use. The SAS-LAB can also be equipped with various instruments for sampling and sample processing, for serological and epidemiological analyses for disease control and prevention, as well as for the detection of potential and actual contamination of food and medicines by pesticides, poisons, toxins or other chemicals. The SAS-LAB is designed for outdoor use

under the most adverse conditions. Accordingly, it works temporarily without power connection, as the power for the device is supplied by an internal battery.

Dimensions [l x w x h]	Transport volume: 100 x 120 x 78 cm Working height after assembly: 87 cm
Weight	70 – 100 kg (depending on equipment and configuration)
Storage space [l x w x h]	Front drawer: 40 x 78 x 4 cm Storage compartments on the back: 24 x 100 x 54 cm (variable shelves)
Work surface [l x w]	Front: 25 x 100 cm / Interior: 52 x 100 cm / Backside: 54 x 100 cm
Connections	230 V CEE
Equipment	Base: Light, Transport- and stand frame, Sight glass, Optional extensions: Suction unit, Push-through gloves
Pre-assembly (optional)	<ul style="list-style-type: none"> • Test kit for microbiological analyses • Test kit for physicochemical analyses • Turbidimeter • Separate Incubator 230 V • Steriliser 230 V • Sink • Adjustable pipette with accessories • Vortex mixer • Stand for sample tubes • Real-Time PCR Instrument with accessories and assays for the detection of various strains of bacteria and viruses • Test kit for the chemical analysis of food and medicines

