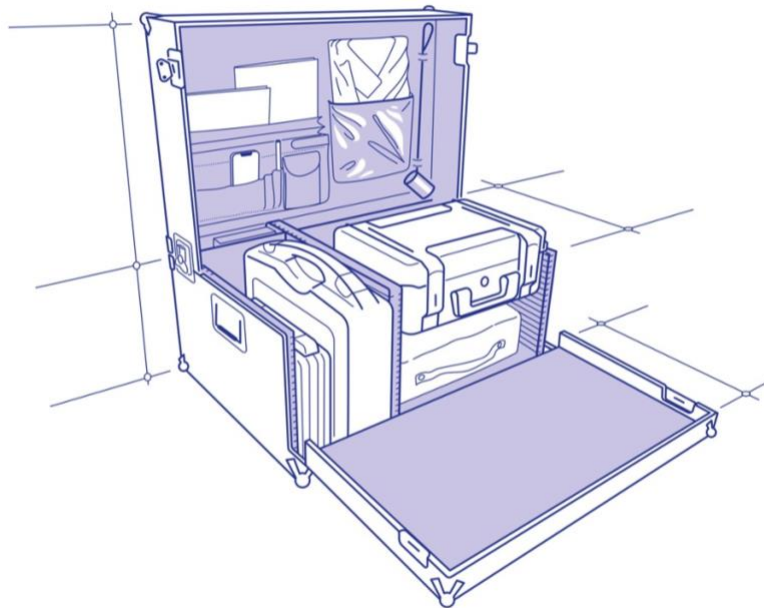


Technical Data Sheet

Mobile Water Laboratory Box

A game-changing solution that transforms water quality monitoring in remote locations into an easily achievable success. Customizable to your individual need.



Description

A ground-breaking solution for remote water laboratory projects. This fully equipped and user-friendly mobile water laboratory is customised to meet your specific needs. It enhances cost-efficiency, independence, convenience, mobility, and reliability of water monitoring activities in remote locations. Empowering remote technicians to play a facilitating role in successful water quality monitoring.



Figure 1 – LETZTEST mobile Water Laboratory Boxes are a ground-breaking solution for remote water laboratory projects. Attachable to vehicles for on-the-go applications.

Key features:

- Equipped with the latest LETZTEST water sampling and water quality testing equipment.
- Protective features such as waterproofing and secure locking for equipment safety.
- Incorporation of multifunctionality, offering working surfaces, writing areas, a digital device holder, and many more practical features.
- Attachable to vehicles for on-the-go applications.
- Equipped with quality- and data management tools for seamless workflows and reliability.
- Option to display your organization's logo on the exterior.

This comprehensive solution not only ensures the highest standards in water quality monitoring but also provides convenience and versatility for professionals working in remote locations.

Specifications

- Art. no.: 1190
- Form: custom-made hard-shell box
- Dimension: customized to your demand
- Weight: Between 5 – 45 Kg depending on demand.
- Waterproof: yes
- Sample type: water
- Options for fixation to/on vehicles: Yes
- Can be used:
 - in central project laboratory premises.
 - in on-the-go applications, mobile.

Content of the box

- The box consists of three separate components that can be detached, transported, and used individually if needed.

1. Water Sampling and Sample-transportation and storage case:

- LETZTEST Stainless Steel Water Sampler; 1 pc
- Reusable sampling bottles for microbiological analysis (250 ml); 10 pcs
- Reusable sampling bottles for physico-chemical analysis (250 ml); 10 pcs
- Cooling Box for water sample transportation; 1 pc
- Equipment Logbook; 1 pc
- Robust record-keeping notebook (1 pc); 1 pc
- Sampling sheets in robust envelope with QR code for self-reprinting; 1 pc
- Sanitary Inspection Sheets in robust envelope with QR code for self-reprinting; 1 pc
- Laboratory Coat; 1 pc
- Laboratory protective glasses; 1 pc
- Digital Thermometer with Data logger; 1 pc
- Writing surface; 1 pc
- Holder for easy viewing and operation of a mobile phone or tablet for data input and storage; 1 pc
- Ballpoint pen; 1 pc
- Waterproof laboratory pen; 1 pc
- Extra space for a portable Bunsen burner, testing equipment for parameters that need to be tested immediately (e.g. Temperature, pH, Conductivity, Turbidity, Free-Chlorine), hand-sanitizer or similar; 1 pc

2. Microbiological Water Laboratory:

- [LETZTEST Portable Membrane Filtration Kit](#); 1 pc
- [LETZTEST Portable Electricity-Free Incubator -37°C](#); 1 pc
- or
- [LETZTEST Household Water Test Kit](#); quantity on demand
- [LETZTEST Test Tube](#); quantity on demand

3. Physico-Chemical Water Laboratory:

- [Turbidity Tube](#); 1 pc. and/or
- [LETZTESTER – Ultimate Visual Color Comparator Kit](#) - plus reagents; 1 pc. and/or
- [LETZTEST Multimeter pH | EC | Sal. | TDS | Temp. | ORP](#); 1 pc. and/or
- [LETZTEST Photometer](#) - plus reagents; 1 pc. and/or
- [Visual Arsenic Test Kit 300 tests](#); 1 pc

Additional supporting tools

- QR codes in the box leading to LETZTEST training videos
- QR code in the box leading to direct technical support for end users via WhatsApp by LETZTEST
- Easy understandable, illustrated instruction manuals

Participants in the development of the product

The improved conceptual design of the LETZTEST Mobile Water Laboratory Box is the result of collaboration with: (i) Aqua Solutions Intl. Ltd. including staff of the National Water & Sewerage Corporation in Uganda, (ii) eThekweni Metropolitan Municipality of Durban, South Africa, (iii) Malteser International office Arua, Uganda, (iv) Madi Okolo District Water Laboratory in Madi Okolo, Uganda. Together, we are pursuing the goal of making water quality monitoring an easy experience for drinking water stakeholders in remote places around the world.

Consumables

Reorder consumables via info@letz-test.com. Please note that you have flexibility in choosing consumables. Our equipment is designed to accommodate multiple types of consumables from many different suppliers. However, LETZTEST offers the best possible quality, expiry dates, and prices for water testing consumables, and we can guarantee fast and cost-effective delivery.

Production

100% made in Germany. Originating from [Letzner Pharmawasseraufbereitung GmbH](#) (now EnviroFALK PharmaWaterSystems), LETZTEST is a company that places great importance on the quality of its equipment. Intermediate production steps and finished products are checked against specified release criteria.



Figure 2 – LETZTEST is simplicity in highest quality.

Additional support for end-users

Each kit contains a QR-Code that leads to [practical training videos](#). In case of further questions, the end user can also directly and easily contact a LETZTEST technician via the same QR-Code.



Figure 3 – A QR code in each kit leads you to a training video