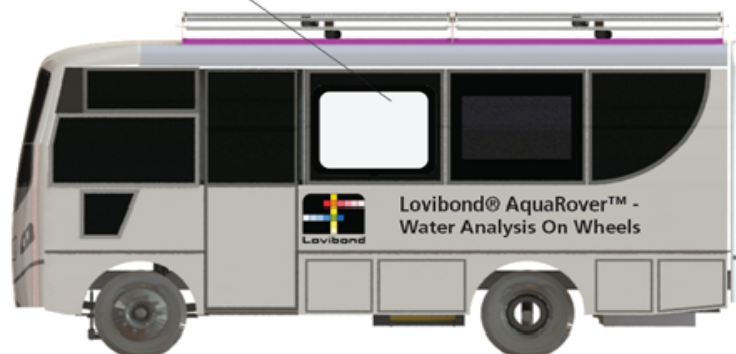


Lovibond® AquaRover™

Water Quality. Anywhere. Anytime.



LCD Panel



Water Quality Analysis on Wheels

On-the-Go Analysis

Say goodbye to waiting for lab results. The AquaRover™ provides instant, accurate water testing on-site, empowering you to make informed decisions about your water quality in real-time.

Accessible Everywhere

From remote locations to bustling neighborhoods, the AquaRover™ brings water testing to where you need it most, ensuring no community is left behind.

Unparalleled Quality

Equipped with innovative instruments and reagents, the AquaRover™ delivers quality assured results giving complete confidence in the integrity of water analysis.

Solar Energy Powered

Equipped with motorized solar panels to generate enough power to run the entire lab. The AquaRover™ drives sustainability and A Go-Green initiative.

The first one-of-a-kind mobile lab running on sustainable solar energy!

The Lovibond® AquaRover™ Mobile Water Testing Laboratory—a unique customised, fully equipped mobile lab designed to bring water quality analysis directly to your site. Whether you're in the field, at a construction site, or in a remote location, the AquaRover™ ensures you have the tools and technology to conduct comprehensive water testing with ease and reliability

Test water quality and bring awareness on the importance of testing water quality all at the same time. The mobile lab is equipped with LED TV to educate and share expertise across the remote areas.

- Test Parameters for Drinking Water, Waste Water, etc. to suit your needs
- Ensuring Water Safety and Well-Being
- Customise the layout and deliverables
- Use it for Testing on Site, Sample Collection, Awareness, etc.
- Safety with FDSS- Fire Detection & Suppression System
- Runs on Solar energy, Raw power and Generator



Solar Panels for Sustainability

Lovibond® India is revolutionizing how communities access and monitor their water quality, ensuring safety and well-being for everyone

Feature	Description
Lab-on-Wheels	A complete Field testing lab integrated in a reputed make 4-6-wheeler bus, customised as per your needs
Test Scope	Fabrication done by approved CIRT (Central Institute of Road Transport) / ARAI & ISO Certified workshop, fitted with high quality and precision equipment's in shockproof / vibration free design
Interiors Workspace	1. Comes with Working tables with sufficient racks for storing chemicals, glass wares & reagents. Interiors are made of ISI mark wood/ply (Water, termite and borer proof) laminated as per colour choice. Lab chairs are provided for working. Inbuilt FDSS- Fire Detection & Supression System for detecting fire and extinguishing it 2. All wirings are done with FRLS cable of reputed make- Polycab with modular switches and sockets. Suitable rating ELCB and MCBs with changeover switch is also provided to run either on generator or on external supply 3. An Engine Driven Air-Conditioner for Driver Cabin and Hybrid Solar Air Conditioning – 1-ton convertible AC from a reputed brand that runs on both inverter and solar power to enhancing energy efficiency, is provided for the working area 4. Comes with a dedicated DI Water Facility occupying minimal footprint– Enabling high-purity water for sensitive testing applications from a reputed brand
Instruments	The laboratory is equipped with high-precision instruments for water quality analysis, ensuring compliance with BIS 10500, WHO, & ISO 17025 standards
Testing Capabilities	Includes Lovibond® photometers, spectrophotometers, turbidimeters, comparators & microbiological incubators, laminar air flow, refrigerator, and can be customised as per specific needs and applications. It will have the capability to test all the drinking water parameters at remote site.
Mobility	Can access remote locations with roadworthy durability and low maintenance setup

**"AquaRover™ –Your On-the-Go Lab for Expert Water Testing
Delivering Results Right Where You Are!"**

Why AQUAROVER™ Works for you?



From Field to Facts – In Just Minutes

Feature	Advantage	Benefit
Fully-equipped mobile lab	Real-time water quality testing on-site	Immediate action in contamination or health-risk zones
Testing capability	Covers all major physical, chemical & bacteriological tests	Compliance-ready results with no compromises
Lovibond® instruments	Globally trusted precision tools	Consistency, reliability & traceability of results
User-friendly interface	Minimal training needed for operators	Faster adoption, higher productivity
Data recording via app	Seamless digital documentation & reporting	Transparent auditing & easy report generation
Built-in sample collection	No need for external water source access	Increased convenience & field efficiency
Compact, organized layout	Everything has its place	Safe handling, no spillage, reduced errors
Self-sufficient lab	No external lab dependency	Saves time, fuel & costs for authorities and operators

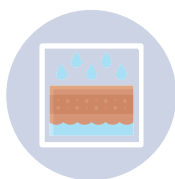
Who Benefits



Drinking Water- Government Bodies, Water boards, municipalities, public health departments, rural development agencies



Waste-water Treatment plants, STP's, ETP's



Ground Water, Surface Water, Aquaculture Fish farms, requiring on-site water monitoring



Research & NGOs
Environmental organizations, academic institutions, community welfare programs,

Feature	Description
Power Backup	1. Triple Power Source Support – The mobile lab works on three sources of power, it can either operate on Raw Power, Inverter, and or Solar, ensuring uninterrupted operation in remote areas 2. It has the feasibility of Solar Energy Generation – equipped with 6x580W MONO PERC HC BIF PANEL of 48V 3. It can generate up to 3.48 KW of solar energy at peak performance. The Solar panels movement can be controlled by motorized actuators, which are IP54 and controlled by remote for smooth operations 4. It has a Silent portable type Gen set of 5 KVA, Petrol operated of reputed brand- Honda which is suitably placed in the vehicle. The generator has the feasibility to operate by placing it outside the bus ensuring vibrations do not affect the instruments functional sensitivity and performance 5. An inverter is also supplied with the system: 1x5KW/48V INNO 8G HYB 1 MPPT PCU 6. The bus comes with a High-Capacity Battery System – with Two 100Ah lithium batteries which are easy to maintain and service. Placed with a Separate provision for its safe keeping: 2x100Ah/51.2V Lithium Battery with display
Enhancements	The mobile lab will be fitted with following other than standard accessories: - 1. 42" LED TV (Sony/Samsung/LG) 2. Amplifier & Speaker systems 3. Automated Motorized Solar Panels serving as Awnings 4. Reverse Camera with proximity sensors and audio warnings 5. Advanced GPS System with tracking facility 6. Wi-Fi facility with effective web application data management system 7. Concealed Electrical and Water Pipelines 8. Chemicals resistant tabletops & Shelves 9. Fire extinguisher of suitable size and First Aid box 10. One standard step 11. CCTV camera

AQUAROVER™ for Drinking Water Analysis



The mobile laboratory is designed to test all key Drinking Water parameters onsite, even in remote locations, ensuring excellent durability, road worthiness, and low-maintenance operation.

It incorporates a complete range of instruments & reagents which are also customizable

Lovibond® photometers and spectrophotometers

Electrochemical instruments with sensors and probes

Turbidimeters

Arsenic Test kit

pH buffers and standard solutions

Microbiology kit for E.coli and Coliforms

Laminar air flow unit

Refrigerator

DI Water (Type-I) System

Glasswares, weighing balance, magnetic stirrer

The below parameters can be tested on the instruments supplied in the mobile lab.

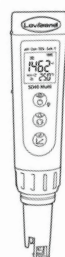
One can choose the parameters and number of tests required based on their needs and application.

Most of our parameters are analogous to APHA/DIN/BIS 10500 etc.

- Aluminium
- Alkalinity
- Arsenic
- Ammonia
- Bromine
- Chloride
- Free Residual Chlorine
- Conductivity
- Chromium
- Copper
- Colour
- Cadmium
- Calcium Hardness
- Dissolved Oxygen
- Fluoride
- pH
- Total Hardness
- Lead
- Iron
- Nickel
- Manganese
- Nitrates
- Nitrite
- Nitrogen
- Phosphate
- Sulphates
- Zinc



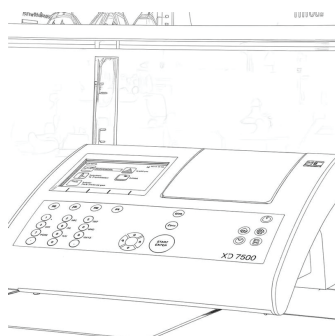
Microbiology Kit



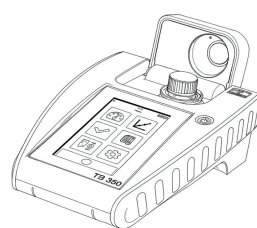
Handheld Meter



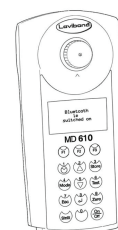
pH Buffers



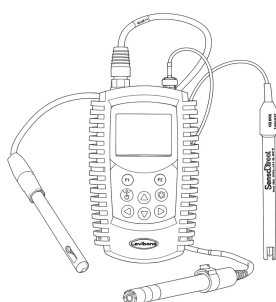
UV-VIS Spectrophotometer



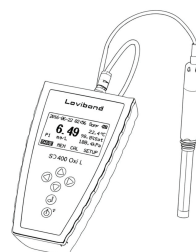
Turbidimeter



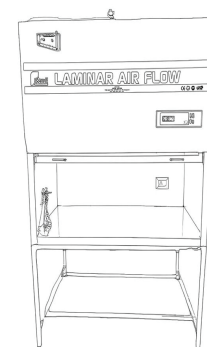
Photometer



Electrochemistry Meter



DO Meter



Laminar Air Flow

Parameters are indicative and fully customisable as per project and customer requirements.

Lovibond® Water Testing



AquaRover® is a comprehensive, solar-powered, mobile water testing solution with excellent design, stability, and practical utility, especially for on-site, rural, and real-time water quality analysis.

When Accuracy Matters, Trust Lovibond®

With over 140+ years of global expertise in water testing, Lovibond® is synonymous with precision, reliability, and innovation. From pioneering photometric solutions to delivering mobile testing labs like AquaRover™, our commitment to water safety is unmatched



Ready to take your testing to the next mile?

Call us today: 040-23883300
write to us at indiaoffice@lovibond.in
Visit: www.lovibond.in

www.lovibond.in

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Technical changes without notice. 2023/04

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Lovibond® Water Testing