



TRAQUA

USER MANUAL

- Your guidance for safe and flexible water intake -



Know your bottle
Trust your water.

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01

Welcome to TRAQUA

The TRAQUA team is proud to introduce TRAQUA – a smart water bottle designed to support safe, healthy, and sustainable hydration. Whether you are an athlete, student, professional, or simply someone who values wellbeing and clean water, TRAQUA offers an innovative and convenient hydration experience.

Designed with a modern and minimalist aesthetic, TRAQUA combines advanced technology with everyday practicality. Equipped with UV-C sterilization, integrated sensors, and smart connectivity, the bottle helps maintain hygiene, monitor essential water parameters, and encourage healthy hydration habits through its companion mobile application.

This user manual guides you through the setup, operation, and maintenance of your TRAQUA bottle, and explains its smart features and app integration. Our goal is to ensure a safe, intuitive, and enjoyable user experience, allowing you to make the most of your smart hydration companion.

Read this manual carefully before using your TRAQUA Smart Bottle. It contains important information regarding proper use, safety precautions, and maintenance to ensure optimal performance and long product life.

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Product Overview



- 3-piece system for easy cleaning
- Bluetooth connection to the app
- Water filter
- Water intake tracker
- Mineral Tracker Total, Total Dissolved Solids (TDS)
- Self-cleaning via Ultraviolet- (UV-C)








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Functions

	<h3>App Connectivity</h3> <p>The Bluetooth connection of the bottle synchronizes hydration and mineral data with the TRAQUA app on your smartphone.</p>
	<h3>Hydration Tracking</h3> <p>TRAQUA monitors daily water intake to help maintain consistent hydration levels. This data provides a clear overview of consumption patterns, supporting overall health through better habits.</p>
	<h3>Mineral Tracking</h3> <p>Equipped with a TDS sensor, TRAQUA measures the concentration of dissolved minerals in the water. This allows users to monitor their total mineral intake throughout the day and ensure a stable electrolyte balance.</p>
	<h3>UVC-Technology</h3> <p>TRAQUA utilizes advanced UV-C light to destroy 99 % of bacteria, yeast, and mold. By disrupting the DNA and mRNA of contaminants, the rapid sterilization cycle cleans both your water and your bottle.</p>
	<h3>Filtration System</h3> <p>The integrated filter allows for the use of tap water by improving its purity and taste. To ensure hygiene and consistent water quality, the connected app monitors the filter's lifespan and notifies the user when a replacement is required.</p>
	<h3>Sustainability & Design</h3> <p>TRAQUA is constructed from recycled materials. The structure allows individual components to be replaced or repaired easily, extending the product's lifecycle and reducing environmental impact.</p>

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Working

-  **1** Download the APP in Appstore or Google Playstore
-  **2** Enter your personal data: gender, weight, age, activity level
-  **3** Set your personal hydration goal or get our recommendation
-  **4** Fill your TRAQUA with tap water
-  **5** Tap the cleaning icon to sterilize the bottle and water
-  **6** Track your daily water intake and the minerals in the app
-  **7** The App informs you when the filter has to be changed

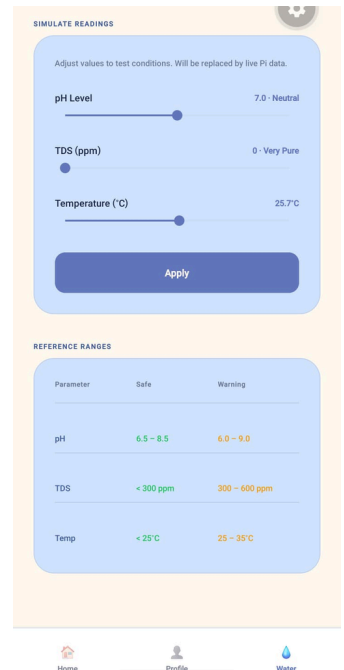
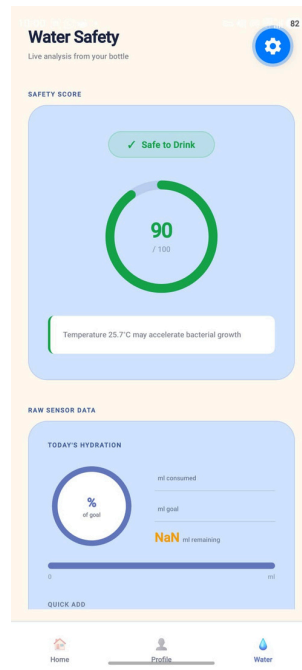
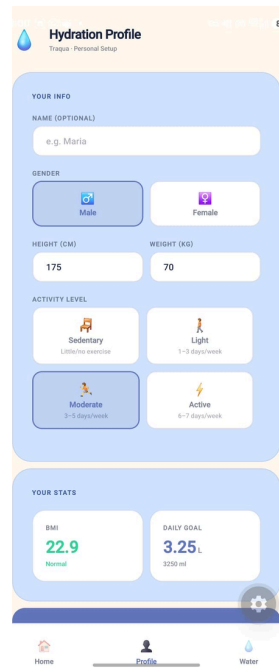
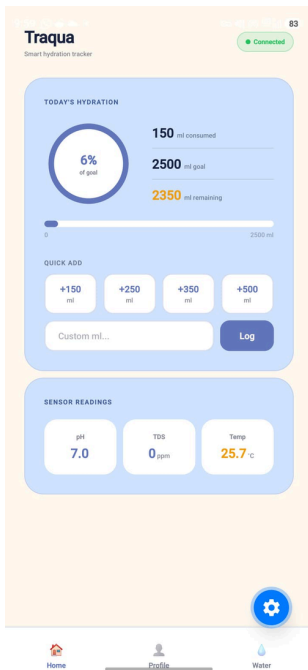
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App Guidance

Everything at a glance




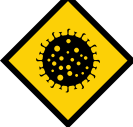


Settle your personal hydration profile and your drinking goal

Check your water in detail: today's hydration, pH-level, TDS and temperature



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Hazard & warnings

Symbol	Hazard	Precaution Measures
	Optical Radiation: Direct exposure to UV-C light can cause eye and skin irritation.	While protected by geometric shielding and a safety lock, never activate the cycle while open. Do not look at the light source if the housing is cracked.
	Electric Shock: Contact with water during charging or using damaged cables.	Ensure the charging port is bone-dry before connecting. Never plug in the device with wet hands.
	Thermal Risk: Lithium-ion batteries may overheat, leak, or explode if misused.	Do not expose the bottle to fire or temperatures above 60 °C.
	Bacterial Growth: Stagnant water or expired filters can lead to contamination.	Replace filters as prompted by the app. Regularly clean the lid and all modular parts from the outside.
	High Temperature: Tracking and filtration sensors are calibrated for cold/room temp water.	Do not fill with boiling water. This may damage internal sensors and cause pressure-related leaking.
	Data Sync Interference: Bluetooth malfunctions or incorrect biometric data.	Ensure the firmware is updated via the app. Do not rely solely on sensors for medical-grade hydration needs.

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Scope of coverage

We offer a warranty period of 24 months from the date of purchase.

What the TRAQUA warranty covers:

This warranty covers damage or defects in:

- Electrical Components: UV-C LED unit, TDS (Total Dissolved Solids) sensors, Bluetooth module, and charging port.
- Mechanical Components: Modular three-piece connection seals, lid locking mechanism, and structural integrity of the bottle body.
- Materials & Workmanship: Defects in the recycled material housing or manufacturing failures occurring under normal intended use.
- Shipping Damage: Any damage incurred during the delivery process.

What the TRAQUA warranty does not cover:

- Normal wear and tear: Minor scratches, aesthetic discoloration of the textile sleeve, or natural degradation of the filter over time.
- Misuse or Neglect: Damage caused by dropping the bottle, using boiling water (above 60°C), or submerging the electronic base in water.
- Consumables: The lifespan of the filter (beyond initial manufacturing defects) is not covered as it requires regular replacement.
- Software Connectivity: App performance issues resulting from not using the latest firmware or software updates.

If your TRAQUA develops a fault during the warranty period:

- Contact our support team at support@traqua-hydration.com with your proof of purchase.
- Resolution: We will assist you with a repair, component replacement (leveraging our modular design), or a full unit replacement as applicable.

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Our packaging solution

We are tired of single-use packaging having a negative impact on our environment. That's why our high-quality TRAQUA bottle comes in a modern, innovative sleeve.

Made from recycled towels and old car airbags, this packaging not only protects the bottle during shipping but also becomes a lasting companion for you and your bottle.


With its carrying strap, the packaging transforms into your daily companion, ensuring you always have the bottle within reach. The soft towels inside cushion the bottle for protection, and the airbag fabric provides a water- and dirt-repellent protective cover.

SECOND LIFE: CROSSBODY BAG




Extra pocket for your essentials

FEATURES

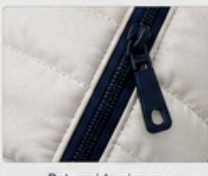


- Complete protection (bottle & cap)
- Shock-absorbing quilted structure
- Lightweight and durable
- Secure zip closure
- Adjustable shoulder strap
- Extra pocket for small items
- Minimal. Functional. Built for you.

DETAILS



Quilted cover



Detachable zipper

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Frequently Asked Questions

How safe is the UV-C technology?

It is safe for everyday use. The bottle features a dual-safety mechanism incorporating both geometric shielding and a secure-lock closure. This ensures the UV-C light can never activate while the lid is open, protecting your eyes and skin from exposure.

Is my water always safe to drink?

The combination of our physical filter and UV-C sterilization eliminates up to 99 % of bacteria, yeast, and mold. However, the system is designed for clear tap or fresh water, do not use it with muddy or heavily contaminated wilderness water sources.

How often should I clean the bottle?

Thanks to the UV-C light, bacteria and odors are kept at bay, but we still recommend a quick manual wash every few days. Because of TRAQUA's modular three-piece design, the lid does not come in contact with the UV-C light so you have to clean it yourself. You can easily take the bottle apart to rinse the components with mild soap and water.

When do I need to change the filter?

You don't have to guess, the TRAQUA app monitors your filter's lifespan based on your actual water usage. You will receive an automatic notification on your smartphone exactly when it is time for a replacement to ensure optimal taste and hygiene.

How reliable is the health and hydration data from the app?

The app provides highly accurate tracking and personalized recommendations using real-time data from our integrated TDS (mineral) and volume sensors. While it is an excellent tool for optimizing daily fitness and wellness, please note that it is not a medical device.

What should I do if I have doubts or issues?

If you have any questions, encounter a technical issue, or notice any damage to the product housing, do not hesitate to reach out. Stop using the device if you suspect a malfunction and contact our support team immediately at [**support@traqua-hydration.com**](mailto:support@traqua-hydration.com).



TRAQUA

Learn more:

<https://alvesbernardo.github.io/TRAQUA/>



Customer Support



TRAQUA@customerservice.com



R. Dr. António Bernardino de Almeida 431,
4249-015 Porto



+351678545435