AQUASOL
TECHNOLOGY

PRODUCT CATALOGUE

2026 EDITION

"Clean water is no longer a privilege, but a right for all"

CERTIFIED ISO 9001:2015 COMPANY

TABLE OF CONTENTS

ABOUT AQUASOL TECHNOLOGY

Aquasol Technology Limited is dedicated to providing innovative water purification solutions that make clean, safe drinking water accessible to everyone. Our range of products spans from household reverse osmosis systems to community-scale purification units, emergency disaster response kits, and solar-powered water purification solutions.

Letz test tube

Aquasol Mobile Relief Unit

Aquasol RO System

Undersink RO System

Over the Counter RO System

Hydrogen bottle

AQUASOL UNDERSINK RO SYSTEM

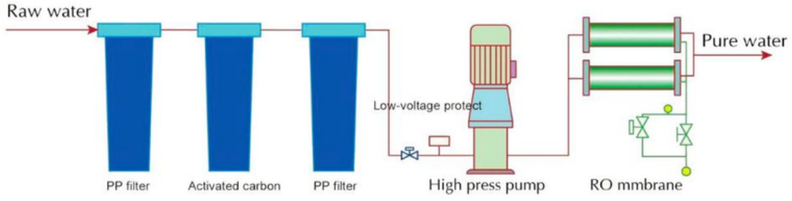
The Aquasol Under-Sink RO System is a compact, four-stage water filtration solution that utilizes advanced Reverse Osmosis (RO) technology to effectively remove dissolved salts, heavy metals, bacteria, viruses, and other harmful contaminants. It is designed for homes, offices, and small businesses. The system fits conveniently beneath the sink, providing a continuous supply of clean, safe, and purified drinking water. It offers an effective solution for everyday drinking water needs.

SPECIFICATION	DETAILS
Water Output	100 Gallons Per Day (GPD)
4-Stage Filtration (Optional: 5-Stage at additional cost)	PP, CTO, RO, and T33 (Optional: T-33 Iodize Resin Cartridge - post filtration)
Filter Replacement Timeline	PP: every 3-6 months | CTO & T33: every 6-12 months RO: every 12 months | (Optional: T-33 Iodize Resin: 6-12 months)
Maximum TDS	2,000 ppm
Pure to Waste Water Ratio	1:1
Temperature Settings	1 (Ambient)
Extra Features	TDS Display, and Filter Change Reminder

AQUASOL HYDROGEN-RICH RO WATER FILTRATION SYSTEM

The Aquasol Countertop Hydrogen-Rich RO System is a compact, plug-and-play water purifier that uses advanced Reverse Osmosis (RO) technology to remove dissolved salts, heavy metals, bacteria, viruses, and other contaminants. Designed to sit conveniently on a countertop, delivering clean and purified drinking water without the need for complex installation, making it an ideal solution for homes, offices, apartments, and temporary spaces.

SPECIFICATION	DETAILS
Water Output	100 Gallons Per Day (GPD)
5-Stage Filtration	PAC, RO, CF, UV, and Electrolysis
Filter Replacement Timeline	PAC and CF: every 8-12 months RO: every 24 months UV: every 3-5 years Electrolysis Electrode: every 2-3 years
Maximum TDS	1,000 ppm
Pure to Waste Water Ratio	1:1
Temperature Settings	6 (Cold: ≤15°C, Ambient: 10-30°C, Warm: 45-50°C, 80°C, 85°C, Hot: ≥90°C
Extra Features	TDS Display, Filter Change Reminder, and Molecular Hydrogen Gas Level (PPB)



AQUASOL INDUSTRIAL RO SYSTEM

The Aquasol RO System is a high-performance **(500 LPH)** water purification solution that uses advanced Reverse Osmosis (RO) technology and multi-stage filtration to remove dissolved salts, heavy metals, bacteria, viruses, and other harmful contaminants. Designed for residential, commercial, and institutional use, it delivers clean and purified drinking water with reliable performance, making it an efficient and sustainable clean water solution.

SPECIFICATION	DETAILS
Water Output	500 Litres Per Hour (LPH)
5-Stage Filtration	Pre-Treatment: PP, CTO, and PP High Pressure Pump 2-stage RO
Filter Replacement Timeline	PP and CTO: every 1 month RO: every 12 months
Maximum TDS	2,000 ppm
Pure to Waste Water Ratio	2:1
Temperature Settings	1 (Ambient)
Extra Features	Compact and Containerized with Stainless Steel

AQUASOL MOBILE RELIEF UNIT

The Aquasol Mobile Relief Unit is a portable emergency RO-based water purification system designed to provide safe drinking water during disasters, humanitarian emergencies, and relief operations. With a water production capacity of 60 litres per hour **(60 LPH)**, it is built for rapid deployment in challenging environments, quickly treating contaminated water into clean, safe drinking water. This makes it an essential solution for disaster response teams, refugee camps, emergency shelters, and affected communities.

SPECIFICATION	DETAILS
Water Output	60 Litres Per Hour (LPH)
4-Stage Filtration	Pre-Filter, PP, CTO, and RO
Filter Replacement Timeline	PP and CTO: every 3 months RO: every 1-3 years
Maximum TDS	1,200 ppm
Pure to Waste Water Ratio	1:1
Solar Panel Power (Watts)	80 W
Extra Features	Compact luggage style purification system with wheels and foldable solar panels for easy deployment and transport. Can be charged utilizing AC and DC power.

AQUASOL HYDROGEN BOTTLE

The Aquasol Hydrogen Bottle is a portable smart water bottle designed to infuse drinking water with molecular hydrogen, providing fresh, hydrogen-rich water anytime, anywhere. The bottle is compact, rechargeable, and easy to use, making it ideal for use at home, in the office, while travelling, or during fitness activities. It offers a convenient way to stay hydrated with clean, refreshing, hydrogen-rich water.

SPECIFICATION	DETAILS
Capacity	280 mL
Electrolysis	5 minutes per electrolysis cycle (10 cycles per full charge)
Electrolysis Replacement Timeline	Electrolysis Electrode to be changed about every 2-3 years
Water Input	Purified Drinking Water
Extra Features	Display screen showing Water TDS, Electrolysis Time, Molecular Hydrogen Gas Level (PPB), and Battery Level.

AQUASOL LETZTEST TUBES

Aquasol Test Tubes are high-quality laboratory tubes designed for accurate water testing and analysis. Made from durable, chemical-resistant materials, they are ideal for collecting, and examining water samples, making them an essential accessory for water quality testing in laboratories, field applications, and treatment facilities.

SPECIFICATION	DETAILS
What It Tests For	Fecal Bacteria in Water Samples (e.g., Cholera, E-coli, etc.)
Result Meaning	Yellow (No Harmful Bacteria Present) Black/Grey (Harmful Bacteria Present)
Incubation Time	18-48 Hours
Incubation Conditions	Incubate away from sunlight at 27-38°C
Key Features	Easy-to-use, Cost Effective, and Efficient Testing Kit

AQUASOL COMMUNITY BOX

The Aquasol Community Box is a high-capacity water purification system designed to provide safe, clean drinking water for communities, schools, healthcare facilities, camps, and other shared spaces. With a purification capacity of 1,000 LPH, it is powered by both AC and DC, including solar power, ensuring reliable operation in a wide range of environments. It utilizes ultrafiltration (UF) technology to remove bacterial contaminants while preserving essential minerals in the water. Engineered for durability and dependable performance, it delivers a continuous supply of purified water, making it an ideal solution for locations that require large-scale access to safe drinking water, including areas with limited or unreliable electricity.

SPECIFICATION	DETAILS
Water Output	1,000 LPH
4-Stage Filtration	Microfilter, Activated Carbon, 2-Stage Ultrafilter
Filter Replacement Timeline	Microfilter: every 3-6 months Activated Carbon Filter: every 3-5 yearsUltrafilter: every 2 years
Maximum TDS	1,000 ppm
Pure to Waste Water Ratio	4:1
Solar Panel Power (Watts)	460 W
Extra Features	A durable, containerized solar-powered water purification system with integrated remote monitoring. Capable of purifying water efficiently on both AC and DC power.

AQUASOL NANO BOX 2.0

The Aquasol Nano box 2.0 is a high-capacity water purification system that combines nano filtration technology with a five-stage treatment process to deliver safe, clean drinking water. Designed for schools, hospitals, large businesses, communities, and camps, it produces up to 300 LPH of purified water per hour and features AC/DC power capability with solar power support, a digital flowmeter, and both manual and automatic backwash. Built to withstand harsh environments, the Nano box 2.0 provides a reliable and efficient solution for large-scale water purification.

SPECIFICATION	DETAILS
Water Output	300 LPH
5-Stage Filtration	Microfilter, Activated Carbon, Ultrafilter, Nanofilter, and UV
Filter Replacement Timeline	Microfilter: every 3-6 monthsActivated Carbon Filter: every 3-5 years Ultrafilter and Nanofilter: every 2 yearsUV: every 2-3 years
Maximum TDS	2,000 ppm
Pure to Waste Water Ratio	3:1
Solar Panel Power(Watts)	920 W
Extra Features	A durable, containerized solar-powered water purification system with integrated remote monitoring. Capable of purifying water efficiently on both AC and DC power.

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