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› AIPER Scuba S1 Pro Cordless Robotic Pool Cleaner User Manual

## AIPER Scuba S1 Pro

# AIPER Scuba S1 Pro Cordless Robotic Pool Cleaner User Manual

Model: Scuba S1 Pro

## PRODUCT OVERVIEW

The AIPER Scuba S1 Pro is an advanced cordless robotic pool cleaner designed for efficient and thorough cleaning of in-ground pools. It features a quad-brushless motor system, WaveLine Technology for waterline cleaning, and WavePath Navigation Technology 2.0 for comprehensive coverage. Equipped with a dual filtration system, it captures both large debris and ultra-fine particles, ensuring crystal-clear water. Its robust caterpillar treads allow it to navigate various pool surfaces and climb walls with ease.

## SETUP AND INITIAL USE

### Charging the Device

Before first use, fully charge the Scuba S1 Pro. A full charge takes approximately 4 hours and provides up to 180 minutes of runtime, depending on the selected cleaning mode.



The AIPER Scuba S1 Pro, showcasing its sleek design and the location of its charging port. Ensure the charging port is securely sealed before placing the unit in water.

## Physical Overview and Components

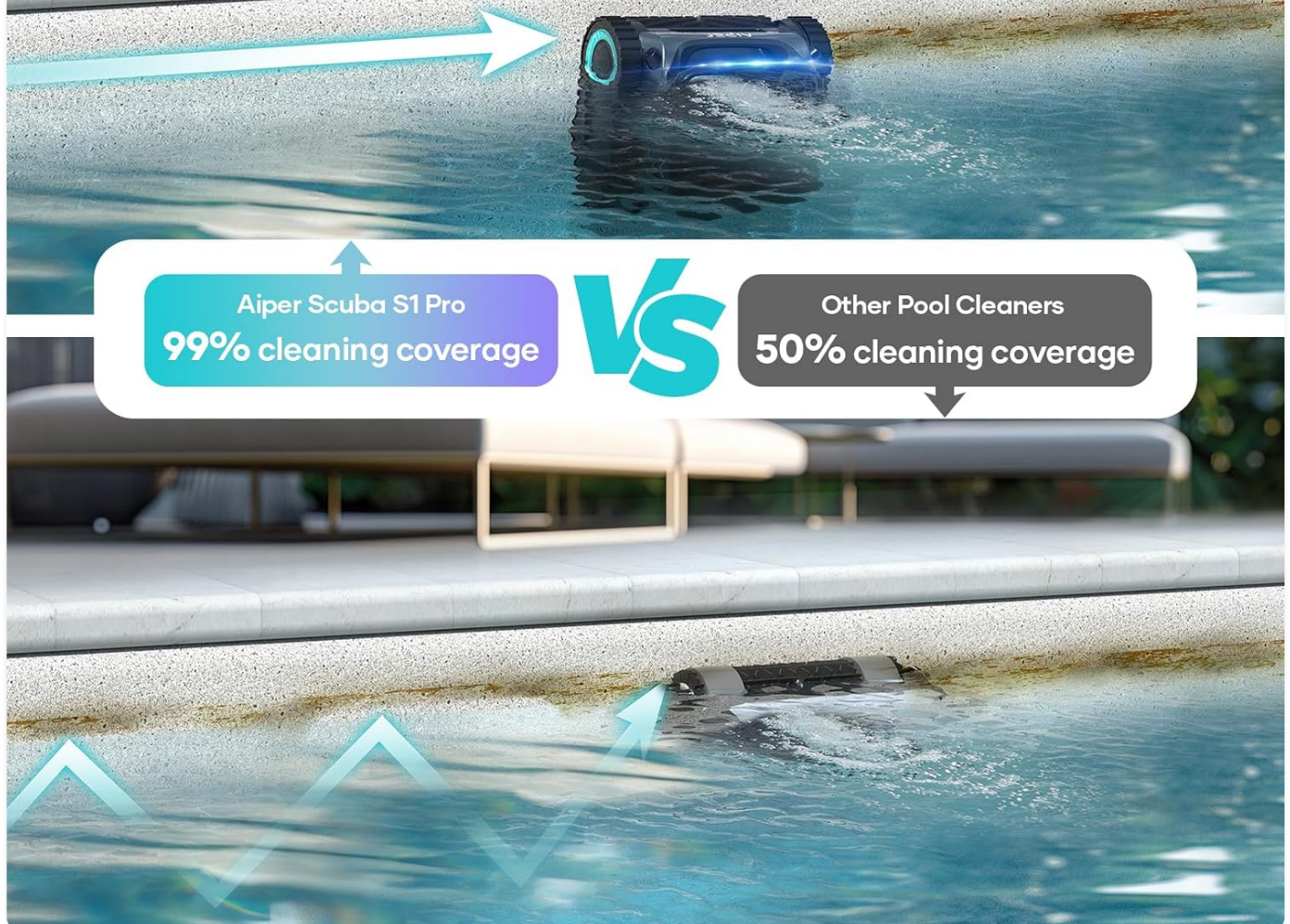
- **Handle:** Located at the top for easy lifting and deployment.
- **Water Outlets:** Dual outlets on top for efficient water expulsion.
- **Control Panel:** Centralized power and mode selection button for intuitive operation.
- **LED Strip Indicator:** Changes color to indicate battery level (Blue: >51%, Yellow: 50-16%, Red: <15%).
- **Ultrasonic Sensors:** Located at each corner to detect obstacles and aid navigation.
- **Charging Port:** Securely sealed port for charging.
- **Caterpillar Treads:** Robust treads for superior mobility on various pool surfaces and climbing.
- **Scrubbers:** Dual powerful bottom roller brushes for effective scrubbing of pool surfaces.
- **Debris Inlet:** Extra wide inlet for efficient suction of various debris sizes.

# Revolutionary Horizontal Water Level Cleaning



Front view of the AIPER Scuba S1 Pro, showcasing its robust design and the blue LED indicator light.

# WaveLine™ Technology



Side view of the AIPER Scuba S1 Pro, highlighting its caterpillar treads for enhanced mobility and wall climbing.



Rear view of the AIPER Scuba S1 Pro, showing the water outlets and overall robust construction.

### One-Click Activation

The Scuba S1 Pro is designed for simple plug-and-play operation. Press and hold the power button for 2 seconds to turn it on. The device will automatically begin cleaning once submerged in water. It features a safety shutoff that activates if the robot is not submerged in water within a minute of activation.

## OPERATING MODES AND NAVIGATION

### Cleaning Modes

The Scuba S1 Pro offers 5 versatile cleaning modes, selectable via the control panel or the Aiper app:

- **Auto Mode:** Cleans both the pool floor and walls. This is the default mode upon activation.
- **Eco Mode:** Designed for cost-effective maintenance, running for 45 minutes every 48 hours to maintain pool cleanliness

throughout the week.

- **Waterline Mode:** Specifically targets the pool's waterline using WaveLine Technology for a pristine finish.
- **Floor-only Mode:** Focuses solely on cleaning the pool floor.
- **Wall-only Mode:** Cleans only the pool walls. This mode is primarily accessible via the Aiper app.



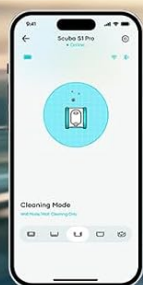
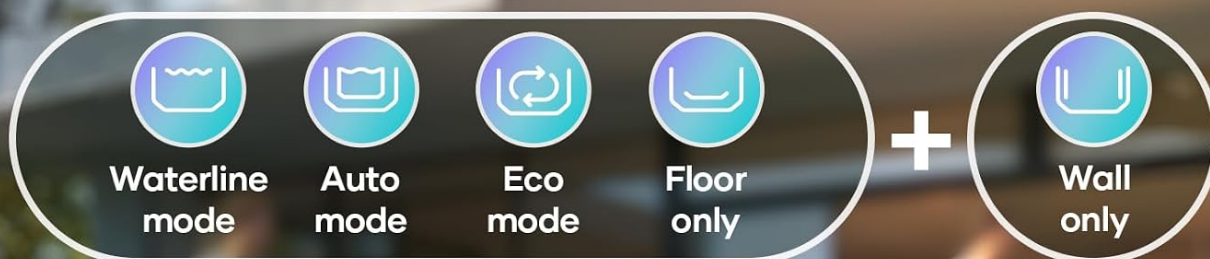
The AIPER Scuba S1 Pro, showcasing its robust design and the blue LED indicator light.

## WavePath Navigation Technology 2.0

Utilizing Aiper's state-of-the-art technology, the Scuba S1 Pro expands cleaning coverage to 99%. Advanced sensors determine its location in the pool, providing thorough cleaning of the floor, walls, and waterline. The intelligent path planning ensures efficient and systematic cleaning, adapting to various pool shapes (rectangular, round, kidney, L-shaped, custom) and surfaces (concrete, fiberglass, vinyl, mosaic tiles).

# 4+1 Cleaning Modes

Wall mode is only accessible via the Aiper app



Note: App control is only available when the pool cleaner is out of the pool.

The WavePath Navigation Technology 2.0 ensures comprehensive cleaning coverage of the pool floor and walls.

## Obstacle Avoidance

Equipped with 4 infrared sensors, the Scuba S1 Pro can detect and avoid obstacles in the pool, protecting both the device and your pool from unwanted damage. It intelligently adjusts its path to navigate around features like main drains, return jets, and steps.

Your browser does not support the video tag.

Official video demonstrating the AIPER Scuba S1 Pro's horizontal waterline cleaning capability. The robot moves along the waterline, scrubbing effectively.

## Aiper App Control

The Aiper app (requires 2.4GHz Wi-Fi) allows for remote control and monitoring of the Scuba S1 Pro. Note that app control is only available when the pool cleaner is out of the water. Once submerged, the Bluetooth connection is lost. The app provides basic information and allows selection of cleaning modes. For optimal performance, immediately submerge the device in water after selecting a cleaning mode via the app to prevent device shutdown.

## MAINTENANCE

### Easy to Clean Filter Basket

The Scuba S1 Pro features a top-loading debris basket for easy access and cleaning. Simply open the lid, remove the basket, and rinse it with a garden hose. The quick water release feature ensures the unit drains rapidly upon removal from the pool.

# Advanced Particle Filtration



Leaves



Hair



Twig



Gravel



Sand

**180µm Filter**



Algae



Microorganisms

**3µm Filter**

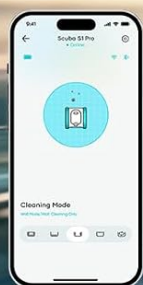
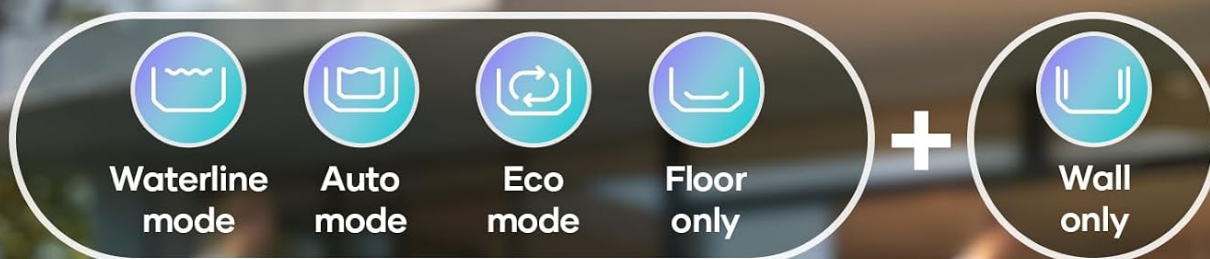
The spacious 5L fine filter basket effectively captures leaves, hair, twigs, gravel, and sand.

### Dual Filtration System

Outfitted with a spacious 5L, 180-micron primary filter and a 3-micron secondary filter, the Scuba S1 Pro captures even the finest particles, enhancing water clarity. This dual system ensures thorough cleaning, from large debris to microscopic algae and microorganisms.

# 4+1 Cleaning Modes

Wall mode is only accessible via the Aiper app



Note: App control is only available when the pool cleaner is out of the pool.

The WavePath Navigation Technology 2.0 ensures comprehensive cleaning coverage of the pool floor and walls.

## TROUBLESHOOTING

- **Robot not moving or turning on:** Ensure the battery is fully charged. Check if the charging port cover is securely closed. The safety shutoff feature activates if the robot is not submerged in water within a minute of activation.
- **Poor cleaning performance:** Check and clean the filter basket and ultra-fine filter cartridge. Ensure the debris inlet is not blocked. Select the appropriate cleaning mode for your pool's needs.
- **Robot not climbing walls or getting stuck:** Clean the caterpillar treads and roller brushes to ensure proper grip. Check for large debris obstructing movement. For complex pool shapes, the S1 Pro's advanced navigation should minimize this issue.
- **Battery life shorter than expected:** Ensure the unit is fully charged before each use. Battery performance can vary based on the selected cleaning mode (e.g., Waterline mode consumes more power than Floor-only mode).

SPECIFICATIONS

| Feature            | Detail                                 |
|--------------------|----------------------------------------|
| Brand              | AIPER                                  |
| Model              | Scuba S1 Pro                           |
| Product Dimensions | 17.4 x 11.8 x 18.6 inches              |
| Item Weight        | 36.2 pounds                            |
| Battery Life       | 180 minutes                            |
| Charge Time        | 4 hours                                |
| Filter Capacity    | 5L                                     |
| Filter Type        | 180-micron primary, 3-micron secondary |
| Max Pool Size      | 2,150 sq.ft.                           |
| Motor System       | Quad-brushless motors                  |

WARRANTY AND SUPPORT

The AIPER Scuba S1 Pro is backed by a 2-year product care plan. This includes an extended one-year warranty and complimentary consumable replacements. For support, please refer to the contact information provided in your product packaging or visit the official AIPER website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question