

AHC
Appidi Healthcare

Good Health for all



About us

Appidi Technologies Pvt Ltd, established in 1997, is a trusted name in humidity control, temperature control, and energy recovery solutions. Serving a wide range of industries including pharmaceuticals, food processing, and more, we have earned a reputation for quality and reliability. Recently, we launched a new division, Appidi Healthcare, which specializes in infection control solutions, In Vitro diagnostics, sterilization systems, and air care devices, further expanding our commitment to innovation and excellence in the healthcare sector.

Welcome To Appidi Healthcare

APPIDI Healthcare is dedicated to transforming the healthcare landscape through comprehensive infection control solutions, advanced sterilization systems and in-vitro diagnostics.

Our mission is to deliver comprehensive solutions designed to effectively combat healthcare-related infections. We achieve this through our cutting-edge disinfectants and state-of-the-art sterilization systems, ensuring the highest standards of safety and hygiene in healthcare environments.

Our In-Vitro Diagnostics (IVDs) are crucial for early and accurate disease detection, enabling timely treatment and improved patient outcomes. By providing rapid and precise results, our IVDs support informed decision-making and effective care, especially in low-resource settings where advanced diagnostics are scarce. This enhances healthcare quality and ensures prompt, appropriate treatment, ultimately improving overall patient health outcome.

Our future focus is dedicated to advance solutions in the fields of ophthalmology, cardiology, and nephrology and oncology (early cancer diagnostics). We aim to enhance patient care and outcomes by innovating, developing and providing specialized products and technologies tailored to these critical areas of medicine.

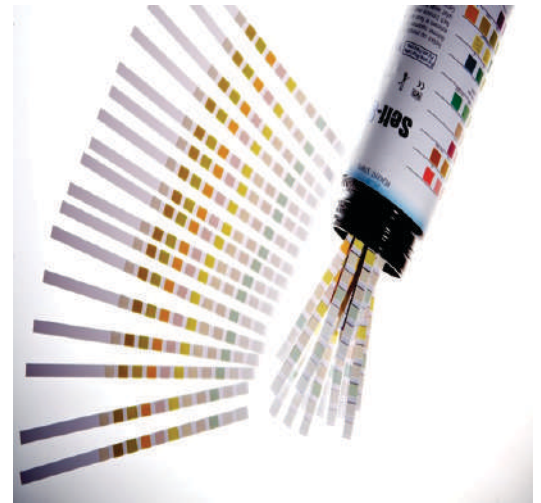


Self-Check

Self-check, the Urinalysis Reagent Strips are firm plastic strips with multiple reagent areas affixed to them. These strips offer a dependable and versatile frontline testing solution and are designed to detect a wide range of conditions such as Urinary tract infections (UTIs), diabetes and kidney disorders. These are intended for single use in both professional near-patient (point-of-care) settings and centralized laboratory environments. These strips provide a quick and accurate way to gain valuable clinical insights into a patient's overall health.

A single strip tests qualitative and semi quantitative for 14 important markers of which include

- Occult Blood
- Bilirubin
- Urobilinogen
- Ketones
- Protein
- Nitrites
- Glucose
- Specific Gravity
- Leukocytes
- Ascorbic Acid
- Microalbumin
- Creatinine
- Calcium
- Uric acid.



Combined leukocyte and nitrite results offer improved UTI prediction with reduced false negatives.

Rapid Test Meters



Rapid test meters are compact and portable, making them suitable for use in various settings, including clinics, homes, and remote locations. This convenience also enhances patient compliance and ease of regular monitoring. For healthcare providers, rapid test results can aid in quicker diagnosis and more responsive treatment plans, improving patient outcomes.

Our Rapid test meters are single meters with multiple parameters which include

- Hemoglobin
- Total Cholesterol
- Urea
- Uric acid
- Glucose
- Creatinine
- Ketones

High Level Disinfectants

Steraso1

Steraso1 Hand Disinfectant provides effective protection against germs and bacteria, ensuring clean and safe hands. Its fast-acting formula is gentle on the skin while delivering powerful antimicrobial action. Convenient and easy to use, **Steraso1** is your go-to solution for maintaining hand hygiene

COMPOSITION

2- Propanol 45g
1- Propanol 30g
Mecetronium Ethyl Sulphate 2.5g

APPLICATIONS:

Critical areas of Hospitals like OT, ICU, ICCU, Laboratories, Treatment rooms, Out Patient rooms, Dispensaries, Canteens, Ambulances & Home care facilities

PRECAUTIONS:

- The mouth of the container while opening must be away from the face
- Should not be injected
- Harmful if swallowed
- If case of contact with eyes, rinse immediately with plenty of fresh water and seek medical attention
- Handrub should be stored in original containers in cool and dry place, away from the sources of heat, flame and direct sunlight.



DIRECTIONS FOR USE

Hand Disinfection:

Apply 3 ml directly from the dispenser on the palm and fingernails and well over hands. Rub in between fingers and dry for 30 seconds. Repeat if required

Skin Disinfection:

Wet the desired area with Handrub and let it dry for 30 seconds



High Level Disinfectants

CHG GERMKLEAN

CHG GermKlean Hand Disinfectant offers powerful protection against harmful microorganisms while keeping your hands soft and smooth. Its quick-drying formula ensures convenience and comfort with every use. Enhanced with emollients and a pleasant scent, it's perfect for daily hand hygiene. Trust **CHG GermKlean** to keep your hands clean and refreshed.

COMPOSITION

Ethyl alcohol 70% v/v
Chlorhexidine Gluconate 2.5 % v/v
Emollients and moisturizers permitted
Color and perfume

DIRECTIONS FOR USE

For Hygiene Hand Disinfectant:

Take about 3 ml on the clean dry hands, nails and groves and rub for 30 seconds

For Surgical Hand Disinfection:

Take about 90 ml on the clean dry hands, nails and groves up to elbow, Rub vigorously for 3 minutes.

APPLICATIONS:

Critical areas of Hospitals like OT, ICU, ICCU, Laboratories, Treatment rooms, Out Patient rooms, Dispensaries, Canteens, Ambulances & Home care facilities

PRECAUTIONS:

- The mouth of the container while opening must be away from the face.
- Should not be injected
- Harmful if swallowed.
- If case of contact with eyes, rinse immediately with plenty of fresh water and seek medical attention.



CHG GERMKLEAN SCRUB

GermKlean CHG Scrub is a premium hand disinfectant scrub with enhanced emollients and moisturizers. This powerful scrub provides effective antimicrobial protection while being gentle on the skin. Its pleasant color and fragrance make it a delight to use, ensuring thorough hand hygiene for healthcare settings and daily routines.

DIRECTIONS FOR USE

For Hand washing

5 ml of liquid onto the wet hands and wash for 30 seconds. Rinse thoroughly and dry.

For Surgical Hand Washing:

5 ml of the solution onto wet hands and wash for 2 minutes. Rinse thoroughly and dry.

COMPOSITION

Chlorhexidine Gluconate solution B.P 20% v/v
With emollients and moisturizers
permitted color and perfume



AgSteril

AgSteril is a versatile disinfectant designed for both aerial and surface applications. Its advanced formulation features silver nanoparticles, which provide a broad antimicrobial spectrum, ensuring high efficacy, stability, and safety. Ideal for healthcare environments and any space with stringent hygiene requirements, **AgSteril** offers reliable and effective disinfection with ease of use.

COMPOSITION

Assay as Hydrogen peroxide IP Grade 11.0% W/V
Assay as Silver Nitrate IP Grade 0.01% W/V

INTENDED USE:

Surface disinfection: Recommended dosage Add 10ml of AgSteril to 90ml of water.

Aerial Fumigation: Use 200 ml of AgSteril to 800 ml of water to make 1L of disinfectant, and use Aerosol/Fogger for disinfection.

HANDLING MEASURES & STORAGE:

Precautions: Keep away from heat, sources of ignition. Empty containers pose a fire risk, evaporate residue under fume hood. Do not ingest, breathe.

Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipments. If ingested seek medical advice. Keep away from oxidizing agents.



APPLICATIONS:

- Healthcare
- Pharma
- Food & Beverage
- Transport
- Greenhouse
- Playroom

FEATURES:

- AgSteril Advanced Silver Stabilized Hydrogen Peroxide Specially for Aerial Fumigation and Surface Disinfection Controls 99.9% of Microbes
- Odourless and Colourless
- No Toxic Residue

High Level Disinfectants

AgSteril_{Bio}

Alcohol Free

Agsteril-Bio is an eco-friendly disinfectant utilizing nanotechnology. It combines silver and zinc nanoparticles to provide effective antimicrobial action. The silver nanoparticles in the product are highly effective against a wide range of microorganisms, achieving a 6-log reduction. Zinc nanoparticles complement this action, offering safe and effective antimicrobial properties, making **Agsteril-Bio** both powerful and safe for various disinfection applications. **AgSteril-Bio** is a eco friendly disinfectant which can be used



INTENDED USE:

Recommended dosage and area of usage:

Fumigation and Aerial disinfection:

- **Hospitals:**

Operating Rooms: 10-15% concentration of AgSterile-Bio mixes with DM water or distilled water and fine spray for 15-20 minutes and allow 20-30 minutes contact time.

Surgical and Isolation rooms: 10% concentration solution with DM water or distilled water can be fine sprayed for 10-15 minutes and leave the area for 20 Minutes.

- **General areas, offices:**

Office areas, Conference rooms, Cinema theatres, Classrooms, Shopping malls: Take 4- 6% concentration of **AgSterile-Bio** and fine spray in the area to maintain the hygienic conditions.

- **Surface cleaning:**

Use 5% concentration solution of **AgSterile-Bio** with DM or distilled water and clean the surface areas such as table tops, chains, high touch areas like door handles and knobs with soft cloth, allow the contact time 5 Minutes for the microorganism to be effected

COMPOSITION

Silver Nano particles 0.01% W/V
Zinc Nano particles 0.01% W/V
Bio polymer as stabilizer

PRECAUTIONS:

- Not Harmful effects, if skin contact occurs.
- Do not swallow
- In case of eye contact rinse immediately with fresh water and obtain medical attention.
- Avoid exposure to sunlight
- Keep Away From Children

LenSafe

H2O2 Lens disinfection solution

LenSafe is a premium contact lens cleaning solution designed to keep your lenses clean and comfortable. Our advanced formula uses hydrogen peroxide (H2O2) combined with a neutralizing tablet to ensure thorough cleaning and disinfection. Designed with advanced cleaning technology, **LenSafe** ensures that your lenses are not only crystal clear but also safe for use



DIRECTIONS FOR USE

- Carefully place your contact lenses in the designated basket.
- Fill the lens case to the fill line with fresh **LenSafe** solution. Add one neutralizing tablet to the solution.
- Put the basket into the case, ensuring it is properly assembled. Tighten the lid securely.
- Allow your lenses to soak for 6 hours or overnight to ensure complete neutralization.
- Before inserting the lenses into your eyes, rinse them thoroughly with a saline solution.

PRECAUTIONS:

- Always use fresh **LenSafe** solution and a neutralizing tablet for each cleaning cycle.
- Do not use the solution directly in your eyes or for rinsing lenses before inserting.
- Ensure the lens case is properly secured to prevent leakage.
- Keep out of reach of children.
- Store the solution in a cool, dry place.
- If you experience any irritation or discomfort, discontinue use and consult your eye care professional.
- Do not use if the seal is broken or the solution is expired.



With **LenSafe**, we prioritize the health and safety of your eyes. Our lens cleaning solution is formulated with high-quality ingredients and undergoes rigorous testing to meet the highest standards of efficacy and safety. Trust **LenSafe** for a cleaner, safer lens-wearing experience.

LensClean

Multipurpose Contact Lens cleaning solution

LensClean is a premium **multi-purpose** contact lens cleaning solution designed to keep your lenses clean, clear, and comfortable. Our advanced formula includes gentle preservatives to ensure the safety and comfort of your eyes. **LensClean** effectively eliminates contaminants, making it ideal for daily use with all types of soft contact lenses.

Key Features of LensClean:

- Comprehensive
- Care Gentle
- Preservatives
- Effective Cleaning
- Convenient to use
- Safe and Gentle



DIRECTIONS FOR USE

- **Fill Case:** Fill your lens case with fresh LensClean Solution. Discard used/old solution after each use.
- **Clean:** Rub lenses with few drops of solution for 20 seconds.
- **Rinse:** Rinse with solution for 5 seconds.
- **Avoid:** Do not use water or reuse solution.

PRECAUTIONS:

- After each use, discard the solution from the lens case.
- Ensure the bottle is tightly sealed when not in use.
- Store the solution at room temperature; avoid freezing.
- Use the solution before the expiration date indicated on the carton and bottle.
- Dispose of any remaining solution within 90 days after opening.
- Keep the solution out of children's reach.



Stera-Rays

Stera-Rays UV Premier 825 Watt Portable UVC Tower

The **Stera-Rays** UVC system is used as part of the high-level disinfection process in critical areas and as well as isolation rooms, other patient rooms in hospitals, when the patient is vacated to make sure that the next patient will not be infected with a previous patient's residual contamination either through a common bed, air and other equipment present in the same room. It is very handy in regular cleaning cycle, and aims at preventing and reducing the spread of infectious diseases, viruses, bacteria, yeasts and fungi and other types of harmful organic microorganisms in the environment by breaking down their DNA / RNA structure and inactivates living cells.

The UV-C is safe, reliable and eliminates human error. UV disinfection is effective at wavelengths from 200 nm to 300 nm. The UVC radiation emitted has a strong bactericidal, virucidal effect.



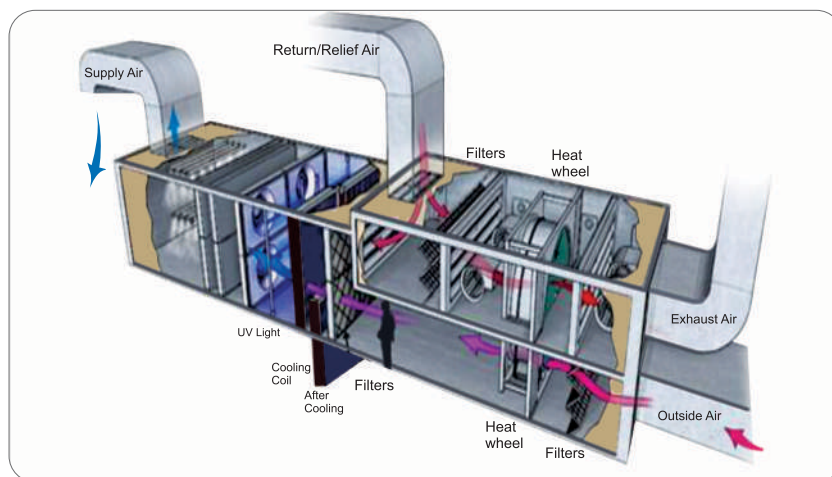
The **Stera-Rays** UVC system features user-friendly wheels for easy mobility. You can move it into an infected area, leave the room, and turn it on remotely. High-output UVC energy will decontaminate surfaces like tabletops, walls, and patient beds. A 15' x 12' area can be initially decontaminated in about 1 hour and within 25-30 minutes for routine cycles. Multiple units can be used for larger areas.



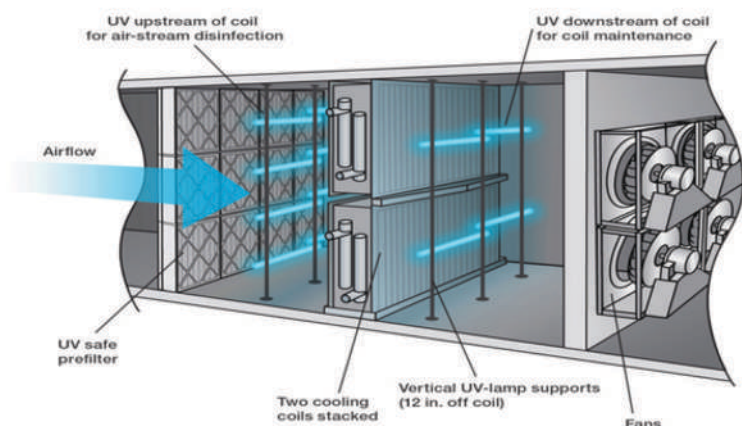
SafeAire

High Level infection control hygiene air handling unit with UV in built

Our **SAFEAIRE** designed and manufactured keeping in view of the requirement of Temperature and Humidity control with high level filtration and integration of germicidal UVC system for air purification and reduce pathogens in the air supply suitable for continuous bacteria and virus free air into the areas such as Operation Theatres, ICUs, Isolation rooms etc., Standalone UVC systems for quick disinfection in the critical rooms are available.



Hospitals can also benefit by using a direct sterilization approach for critical areas, such as surgical suites and procedure rooms. High- intensity UVC lamp system can be switched on to quickly kill pathogens in the air and on surfaces.



The contamination of frequently touched hospital surfaces with drug-resistant bacteria such as methicillin-resistant *Staphylococcus aureus* (MRSA) vancomycin-resistant *Enterococcus* (VRE), carbapenem-resistant *Enterobacteriaceae* (CRE), *Acinetobacter* species, and *Clostridium difficile* has been well documented. It has been estimated that 30-40% of HAIs are caused by the contamination of healthcare worker hands; hands are contaminated either from contact with infected or colonized patients, or with their environment.



PROTECTAIRE UV Premier 35 Watt Mountable UVC surface sterilizer



Protectaire & the science of clean air

Our **Protectaire** uses germicidal technology to destroy biological contaminants and eliminates the symptoms of allergies, asthma, or other maladies triggered by mold bacteria and their metabolic products. ozone-free and safe destruction of airborne viruses that cause colds, flu, and other infectious organism.

Activated Carbon filter absorption removes VOCs that create odors that trigger allergic reactions. It lowers the incidence of bacterial floor colonization by up to 40-50 square meters. It avoids contained areas to enable potential pollutants to build up more than open spaces do



1. Air enters through bottom of the unit.
2. The germicidal UVC lamp kills all airborne microorganisms
3. Uses high efficiency pleated Hepa filter with 0.3 μ media that traps particulates without using ionization or electrostatic charges
4. A discharge fan will absorb the air from the UVC emitter.
5. Pollen, dust, and pet dander are then trapped in the filter and clean, purified air is pushed back through discharge fan.

Stericare

The **Stericare** is a Vaporized Hydrogen Peroxide (VHP) Sterilization System employs an advanced technology that utilizes vaporization of liquid hydrogen peroxide (H_2O_2) to achieve effective sterilization in enclosed environments. This system ensures comprehensive decontamination, capable of achieving a 6-log reduction in microbial load. It is particularly well-suited for use in biological safety laboratories, hospital wards, intensive care units (ICUs), pharmaceutical manufacturing facilities, and clean rooms, where stringent sterility standards is crucial.

Key Features of Stericare:

- Effective Decontamination System
- High H_2O_2 Performance Sterilizer
- Ideal for Pharmaceutical & Healthcare facilities

DIRECTIONS FOR USE:

- Connect the VHP system to the designated power source.
- Fill the system with 35% hydrogen peroxide solution.
- Set the desired parameters
- Initiate the sterilization process by pressing the start button.
- The system will convert the hydrogen peroxide solution into vapor and disperse it throughout the area.
- Allow the system to run for the designated sterilization time.
- Once the process is complete, ventilate the area thoroughly before re-entry.

PRECAUTIONS:

- Ensure the area to be sterilized is sealed and no personnel are present during the sterilization process.
- Use appropriate personal protective equipment (PPE) when handling hydrogen peroxide.
- Follow all safety guidelines to prevent exposure to hydrogen peroxide vapor.
- Ensure proper ventilation of the area after the sterilization process is complete.
- Regularly maintain and calibrate the system to ensure optimal performance.



TIMING:

Sterilization Time:

Varies based on the size of the area; typically ranges from 15 minutes to 1 hour.

Ventilation Time:

30-60 minutes to ensure the area is safe for re-entry.

Mini-Plasma

Low Temperature Plasma Sterilizer

Our **Mini Plasma** represents the latest innovation in sterilization technology, combining efficiency, safety, and convenience for a wide range of medical and laboratory applications. Utilizing advanced low- temperature hydrogen peroxide gas plasma, our sterilizer ensures comprehensive sterilization of medical instruments and equipment without the risks associated with traditional methods.

Mini Plasma is ideally designed for use with dental and ophthalmology medical instruments and small clinics, where in its need a quick turnaround sterilization.



Technical Specifications

Capacity	7L
Temperature	<60 C
Power consumption	1.5W
Weight	28Kg
Noise Level	<60 dB
Mode	Fast Cycle: 10 min Standard cycle: 25 min

Accessory



H₂O₂ / 50%

C.I-Tape
Chemical Indicator

Roll Pouch

Option



SC B.I-Ampoule
Biological Indicator

Cart

Appidi Healthcare Product Range

In Vitro Diagnostics

Self-Check

Quick and Reliable detection of UTI's

High Level Disinfectants

CHG GERM:KLEAN

Safe and clean hands

Sterasol

Safehands

AgSteril

Precision for Safe Environment

AgSteril Bio

Eco-Friendly Nano Disinfection Excellence

Contact Lens Solutions

LenSafe

Safe and clear Lens care

Lens(lean

Crystal Clear Lens Care

Infection Control Systems

Stera-Rays

Advanced UVC Light for Effective Disinfection

SafeAire

High-Level Infection Control with Built-In UV

Protectaire

Sterilization for a Healthier, Safer Environment

Stericare

Best for Germfree environment

Plasma Sterilizer

Mini-Plasma

Precision Sterilization for Medical Device, Anytime, Anywhere



Appidi Healthcare

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