





presents

The most **ADVANCED** protection
for your loved ones

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ABOUT US

The continued prevalence and growth of chronic diseases have left the founders of Enviroglobe Technologies to hedge the opportunities of the hygiene industry.

Enviroglobe Technologies aims to be Asia's top green innovator and proponent for some of the world's best bio-med, hygiene and preventive medicare technologies and products.

Enviroglobe Technologies is poised to be the newest center of excellence to bring good tested products and solutions to the hygiene market.

Protecting oneself against harmful antigens is the KEY to survival of the human race.

OUR SPIRI-PRENEURIAL TEAM

Suzy Yeo

Suzy Yeo serves as the business development head of Island Family Clinic in Singapore.

In this role, she led the company's efforts to implement some of the latest medical clinic services not offered by other brands. This initiative of hers has led the healthcare group to grow rapidly over the last 3 years.

As a fintech consultant, she partners with China Construction Bank in the world's first premier digital bond for DeFi which recently made world's news.

Suzy is passionate about health insurance infrastructure for international bodies, and she has developed innovative bio-medical care financing mechanisms to some international bodies including Red Cross in the Latin America region.

Dr Jeffery Lai

Dr. Jeffrey TY Lai's a successful practitioner and founder of 2 successful medical chains and businesses in Asia.

Through vigorous exploration of new, creative solutions to reinvent Asia's preventive care medical scene, he continues to have a thirst for new medical innovation, which enables him to further his bio-medical ventures. It was Dr Lai's ability to visualize the needs of his patients that helped his medical group to grow leaps and bounds.

Sireena Khin

With a background in media development, Sireena has been working and living in various countries for close to 20 years. It was during this time that she was able to forge connections with people from various industries over the years which in turn has been able to aid her in the marketing and distribution of Enviroglobe Technologies products and brand, globally.



OUR VISION



To be Asia's center of
excellence for premier
bio-medical and
hygiene products and
technologies



To innovate and
develop next
generation products in
the self-hygiene space



To protect and care for
people and our planet
every day

MISSION STATEMENT

TODAY'S SOLUTIONS FOR TOMORROW'S DEMANDS



To build a name that is synonymous to
the highest standards in the field of
preventive hygiene and medical
technologies

OUR TECHNOLOGIES = GAME CHANGING FUTURE

- We have the right combination to provide optimal success not just for us but to the world.
- Our products and technology are superior and more cost-effective.
- We have a wide audience base with little or close substitutes.
- The innovations are now trending





A brief info

The current pandemic is the biggest black swan event of our time and has challenged this generation, leading to millions being infected and hundred of thousands of deaths.

Unfortunately, there is no reliable treatment or vaccine or treatment at the moment that can destroy the microbe in seconds. Viruses like Covid-19, HFMD, H1N1, etc, are extremely virulent. They can stay in the air and surface for prolonged periods and will not inactivate easily. Presently, the only known way is through toxic chemicals or increasing oxygenation (heat).

Currently, 90% of the disinfectants in the market only **INHIBIT** the virus. Many products claim anti-microbial efficacy of 24hrs. This is only 'inhabitation' period. Other products which may traumatize and damage the pathogens may be toxic or slow time to efficacy (couple of minutes to more than an hour)

TECHNOLOGY

HOW WE INNOVATE



PS-P Molecule that binds on ALL surfaces



PET Packaging Products



Electronics (Computer keyboards, Onboard consoles, etc.)



Fabrics (Eg. Woven, Non woven, Nitrile, etc)



A Green Technology for a Greener Tomorrow



Biodegradable Fabric masks



High Environmental Performance, Circularity



Waste Management (Decomposition)



Air Sanitizer



Innovate into air filters for air vents on airplanes, public transportation and buildings

OUR PRIDE AND OUR 2 - KEY TECHNOLOGIES WITH HALL OF FAME POTENTIAL

1. Dual-mechanism
photocatalysm
(Harvard-Singapore-China
tech)

2. New generation of self-
catalyst, eco-friendly
mechanical based mechanism
(Singapore-Swiss tech)



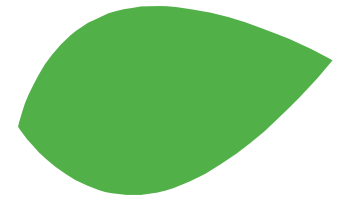
PHOTOSENSITIZING

Backed by Science



24/7 all round protection from new germs!

Forms a thin and invisible layer of protection, killing new germs from forming on the protected surfaces...



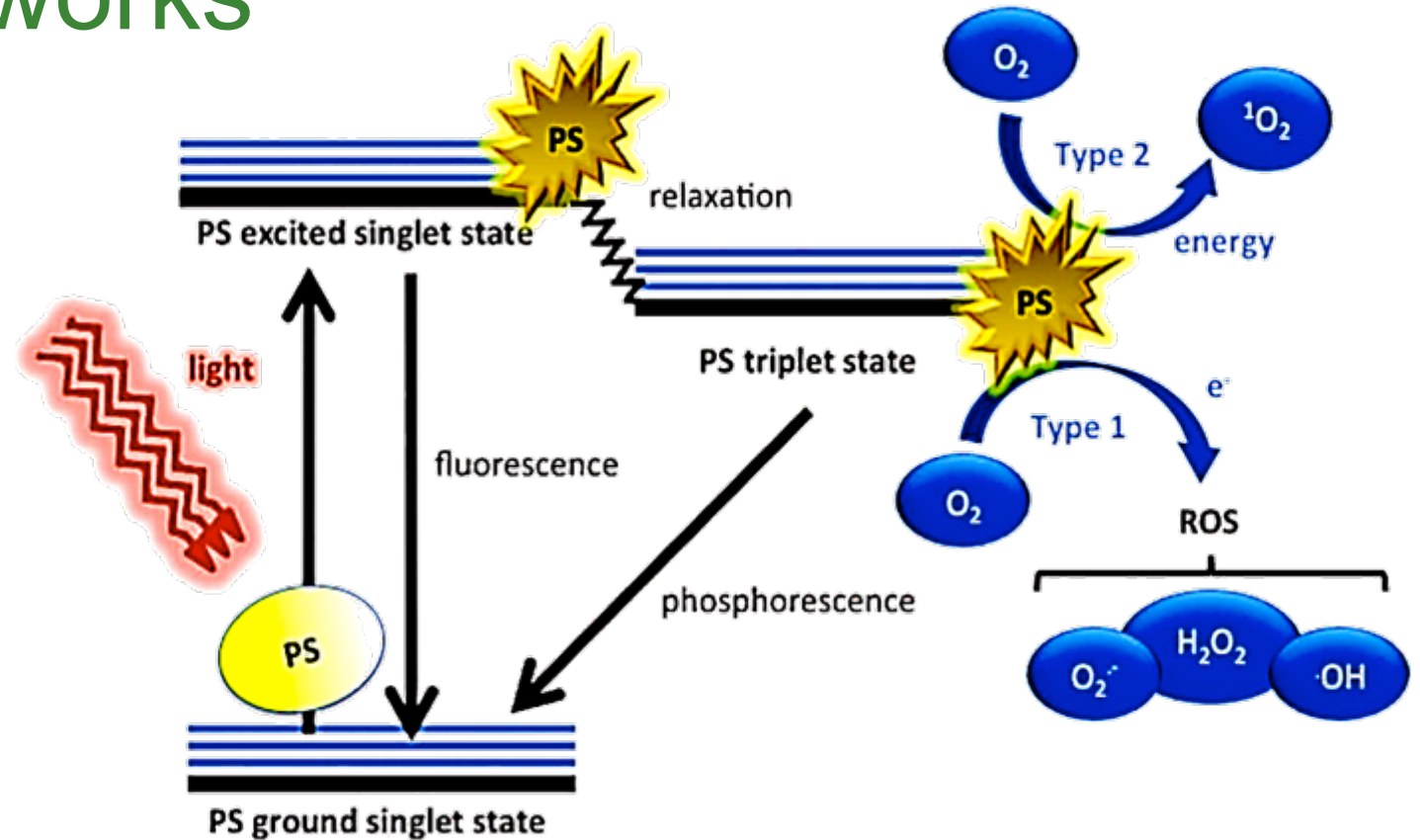
1. How the technology works

Our technology is a photosensitiser (PS) that is able to kill 99.9999% of bacteria and viruses on contact.

The PS does not contain toxicity and does not use toxicity to kill germs. Instead, it uses short and rapid bursts of Oxygen (O_2) to effectively kill viruses and bacteria, leaving the microbes with absolutely no chance of survival.

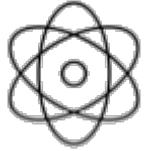
When light (any type, including natural/indoor) is present, our PS will trigger a reaction with molecular oxygen. The process converts into energy and excited singlet state oxygen which will destroy the microbes.

Due to the dual mechanism in our technology, our PS works without light too.





ADVANTAGES OF THE TECHNOLOGY



Dual Mechanism:
Photodynamic antimicrobial (PDA); functions with light irradiation;
Cationic antimicrobial (CA): functions with or without light irradiation



High Efficacy:
High antimicrobial efficacy:
>99.99% within 2 mins



Broad Spectrum:
Effective to kill a broad spectrum of microbes including bacteria, spores and fungi



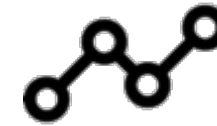
Safe & Non-toxic:
Near food grade. Non chemical base and not rely on toxicity to kill germs



Regenerative:
Regenerate through light source and non-diminishing in use. Non-antibiotic resistant



Areas of use: Effective under sunlight, indoor or natural lights, or without light source



Non-drug resistant:
Does not cause drug resistance due to rapid action and multiple attacking sites on the microbes

The background features several stylized elements: a large white leaf-like shape on the left, a light green leaf-like shape below it, and a dark green leaf-like shape to the right of the white one. There are also several light gray circles of varying sizes scattered across the background.

Advantages

- A High amount of oxygen products generated (in thousands) per molecule
- Effective **immediately** against drug-resistant bacteria
- Effective to **kill** other pathogens, including fungi, viruses and parasites
- Destruction of biofilm produced by pathogens
- Destruction of bacteria endotoxin, reducing endotoxin-induced complications such as sepsis
- Does not cause drug resistance due to rapid action and multiple attacking sites on pathogens



TECH 1: ANTIVIRAL MASK

Not just antibacterial BUT is the technology that can kill viruses that comes in contact with the surface



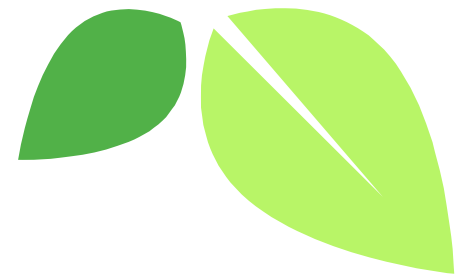


First '3D' design and print fabric knitting machine

Steiger, Switzerland, was founded in 1949, has one of the most advanced, computerized 3D 'design and knit' machine. **Cixi Ltd**, a listed company, produces 1million N95 medical masks daily and is engaged in the personalised customisation and digitalisation of knitting technology for linens and cloth making.

In collaboration with **Steiger** and **Cixi**, they have successfully developed a series of antiviral personal protective equipment (PPE), that includes Antiviral masks, Antiviral face shields, Antiviral melt-blown filters, air-filters and protective fashion clothing.

Disclaimer: We may also use other machines



ANTIVIRAL MASK

- ❖ Conventional masks (medical and surgical) do not kill viruses but only prevent droplets or dust penetration that cause infection.
- ❖ As normal masks are contaminated after use, they can only be used once and is not eco-friendly.
- ❖ Current antimicrobial masks in the market are not effective as the toxic chemicals that are infused take a significantly long time to kill/inhibit viruses, hence rendering the protection ineffective and unsafe.
- ❖ Our antiviral masks are made from antimicrobial molecules that has been integrated into the fabric of the mask for continued killing of viruses, bacteria, spores, etc, thereby protecting the surface against contamination.
- ❖ Advanced and reusable filter melt brown middle layer for 99.9% efficacy.
- ❖ Highly breathable with with ice cool yarn fabric for comfort.
- ❖ Machine and hand washable for multiple times.



ANTIVIRAL FABRIC MASK

First of the kind antiviral technology that kill
'BLOCKED VIRUS'



CONTINUOUS PROTECTION –
– INSTANT KILL 99.99%
BACTERIA AND VIRUSES

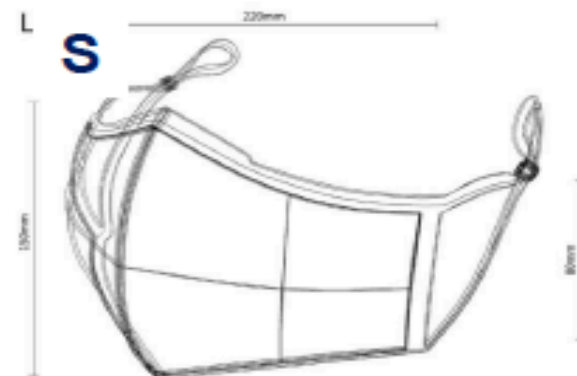
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REDUCES ODOUR



LT01-S



LT02-S



LT04-S



LT03-S

Product Type

Antiviral Fabric mask

Product No

LT01-S,LT02-S,LT03-S,LT04-S

Style

Knitted, breathable Casual

Fabric

Modal,,Spandex, Cotton
(80%)

Function

Antiviral, anti-odour

Colour and weight

Varies, 11g

Size

S, 180,130,60

ANTIVIRAL FABRIC MASK

First of the kind antiviral technology that kills
'BLOCKED VIRUS'



CONTINUOUS PROTECTION –
– INSTANT KILL 99.99%
BACTERIA AND VIRUSES

+



+



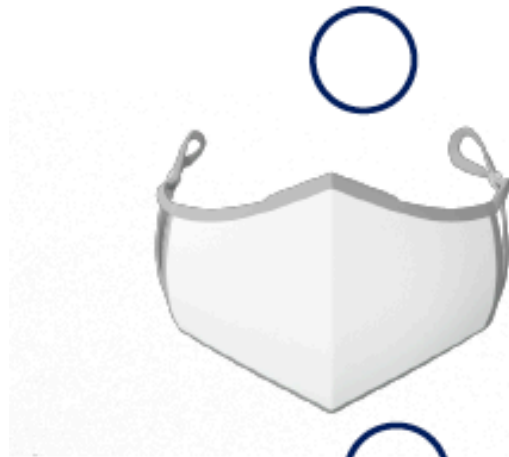
INTEGRATED INTO ALL
WOVEN AND NON-WOVEN
YARN FABRIC

REDUCES ODOUR

120mm



50mm



XD01-XS



XD02-XS



XD03-XS



XD04-XS

Product Type

Antiviral Fabric mask

Product No

XD01-XS, XD02-XS, XD03-XS, CX04-XS

Style

Knitted, breathable Casual

Fabric

Modal,,Spandex, Cotton
(80%)

Function

Antiviral, anti-odour

Colour and weight

White, pink, blue, green, 6g

Size

XS, 160,120,50

ANTIVIRAL 3PLY MASK

First of the kind antiviral technology that kills
'BLOCKED VIRUS'



CONTINUOUS PROTECTION –
– INSTANT KILL 99.99%
BACTERIA AND VIRUSES

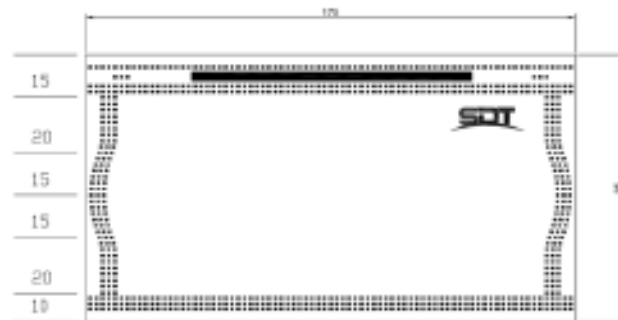
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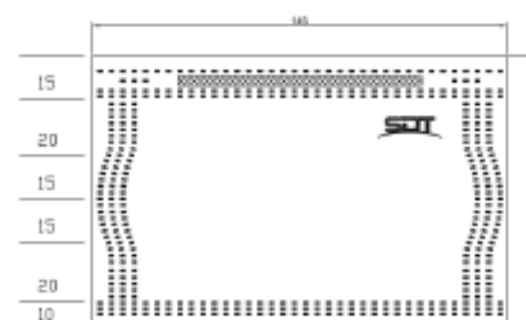
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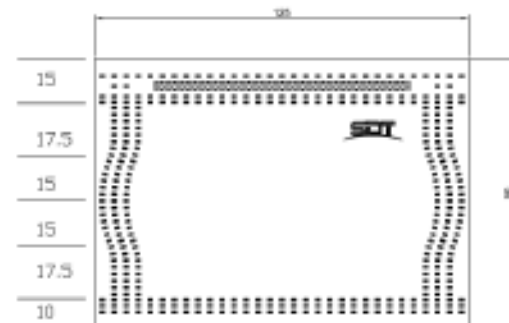
REDUCES ODOUR



KZ01(L)



SDTKZ01(M)



SDTKZ01(S)

Product Type

Antiviral 3ply mask

Product No

SDTKZ01(L), SDTKZ01(M),
SDTKZ01(S),

Style

3 Ply antiviral

Fabric

Polyester

Function

Antiviral, anti-odour

Colour and weight

White

Size

175*95、 145*95、 125*90

FABRICS	100% bamboo fiber, acrylic, cashmere, cotton blend, cotton polyester, lycra, linen, microfiber, modal, polyethersulfone, silk, spandex, viscose, nylon, rayon, PP, PE, PVC, organic cotton (to be specified by customer)
ANTIMICROBIAL PROPERTY, EFFICACY AND TECHNOLOGY	Technology molecule, 99.9999% (6logs) bacteria KILLING efficacy. >90%(1log) virus KILLING efficacy. Test in accordance to AATCC-100, Toxicity test: LD5000(non-toxic, non-skin irritant). Non metal base. (Does not contain silver, TIO2 or any nano technology) Non chemical leach technology. About 90% efficacy after multiple standard washes. Retreatment possible at laundry process for efficacy improvement
DESCRIPTION / FEATURE	Anti-pilling, quick-dry and breathable, waterproof, anti-slip, anti-corrosion, warm, lightweight, protective, color durable, moisture-wicking, high-stretch, comfortable
PRODUCT NAME AND NO	Antiviral Mask. As per catalogue, S, M, L, XL series
MOQ	1,000 per color code per design
LENGTH	Angle
NEEDLE COUNT	80, 150, 200N
GENDER	Unisex
LOGO	As per customer request
PACKING	As per customer demand
LEAD TIME	According to quantity. 3 weeks after payment. FOB
SAMPLE TIME	7 days – Customized samples based on customer specification

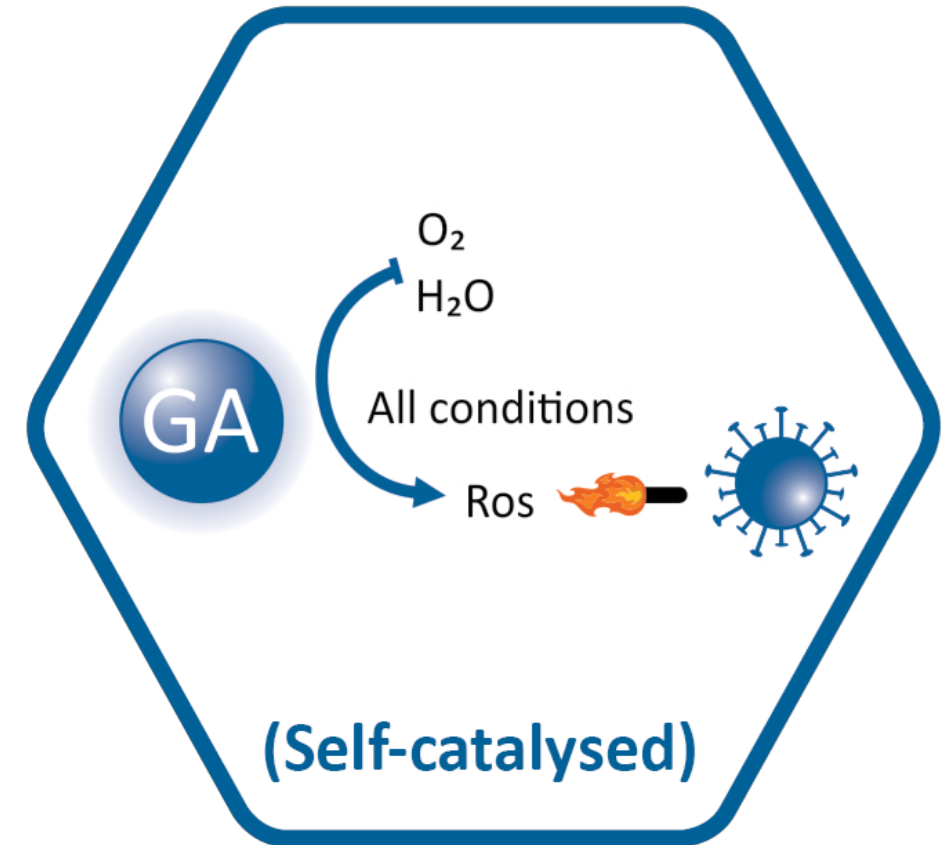


2. How the technology works

Our scientists have come together with A*Star Singapore to develop unique biomimetic anti-microbial technologies. This technology is a combination of several natural bacteria-killing mechanisms, including cicada wing surface, nano-array cell membrane, physical rupturing mechanism and enzyme related reactive oxygen species killing mechanism.

It is a new generation of eco-friendly mechanical based, inorganic composite that is non-toxic, safe and anti-microbial. It kills microbes even without contact, with no chemical releasing mechanism. It has quick reaction with long term activity.

It is self-catalysing property performs well in wet/dry, bright/dark conditions without external stimulation. The anti-microbial materials remain resistant to high and low temperatures, intense radiation and all solvents. Manufacturers can keep their products durable in all construction, industrial, commercial and residential conditions with 24hr protection against microorganisms for as long as 10 years.

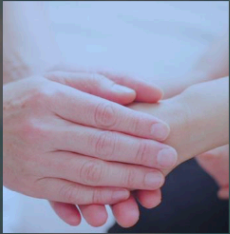


Additive Efficacy

Microbe Species	Initial (Start 0 h)	Control (After 24 h)	GERM ARMOR (After 24 h)	Log Reduction
<i>E. coli</i> (ATCC 8739)	5.98	8.21	0	8
<i>S. aureus</i> (ATCC 6538P)	7.92	8.45	0	8
<i>C. albicans</i> (ATCC 10231)	5.34	8.01	0	8
MRSA(G+)R10309N	6.02	10.18	0	10
<i>Pseudomonas aeruginosa</i> (G-) -CI0183A2	5.71	11.66	0	11
<i>Acinetobacter baumannii</i> (G-) -RI0139A	5.68	11.44	0	11
Vancomycin resistant <i>Enterococcus faecium</i> (VRE, G+) -RI0252N1)	6.08	11.44	0	11
<i>Escherichia coli</i> (G-) -RI0157A	6.03	9.99	0	10
<i>Serratia marcescens</i> (G-) -CI0183A1	6.09	12.38	0	12
<i>Klebsiella pneumoniae</i> (G-) -CI0027	5.74	11.37	0	11
<i>Enterobacter aerogenes</i> (G-) -RI0006A2	6.07	11.59	0	11
Influenza A virus	4.55	4.53 (1 h)	0 (1 h)	4.5

*Findings: Performance and efficacy test based on JIS Z 2801 / GBT 21866 standard. Achieved great 99.9999% killed rates on various bacteria, fungi, and viruses

SAFETY TEST



✓ Passed Acute Toxicity Test



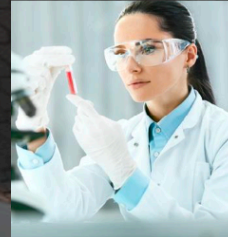
✓ Passed Geno Toxicity Test



✓ Passed Skin Sensitivity Test



✓ Passed In-Vitro Cytotoxicity Test (Paint Layer)



✓ Passed Hemolysis Assay



✓ Passed Non-Resistance Development Test

PROPERTIES

Component	New Generation of Metal Composite
Density	2.1~3.5 g/cm ³
Melting Point	>400 degree Celcius
Boiling Point	>900 degree Celcius
Solubility	Insoluble in water
pH	7.00 to 8.00

KEY FEATURES



Safe, green
and user
friendly



Non-contact
microbe-killing
mechanism,
low dosage
with excellent
performance



Broad
spectrum,
highly active



Degradation
of
formaldehyde
and VOCs



Stable solid
material,
resistant to
high/low
temperature,
UV and
solvents



Microbicide,
microbe
inhibition and
anti-molding
with extensive
applications



Water body
purification,
natural algae
controlling



Particle size is
adjustable



TECH 2: NANOTECH ANTIVIRAL MASK

Not just antibacterial BUT is the technology that can kill viruses that comes in contact with the surface



MEDICAL SCRUBS, MASKS AND ANTIMICROBIAL FABRIC

Woven and Non-woven fabric series was developed with a focus on the medical and Hospitality markets. The fabric is coated with antiviral additives and tested for its antimicrobial properties and efficacy on cured dry surface conditions.

The coating provides a layer of protective shield against deposit contaminants, bacteria and viruses. The protection is proven to stop communicable disease transmission from the fabric surface.

The fabric can also absorb and degrade various Volatile Organic Contaminants (VOC) such as ammonia or odor.

Stopping bacteria growth helps prevent the fabric from off-color forming and hardening.

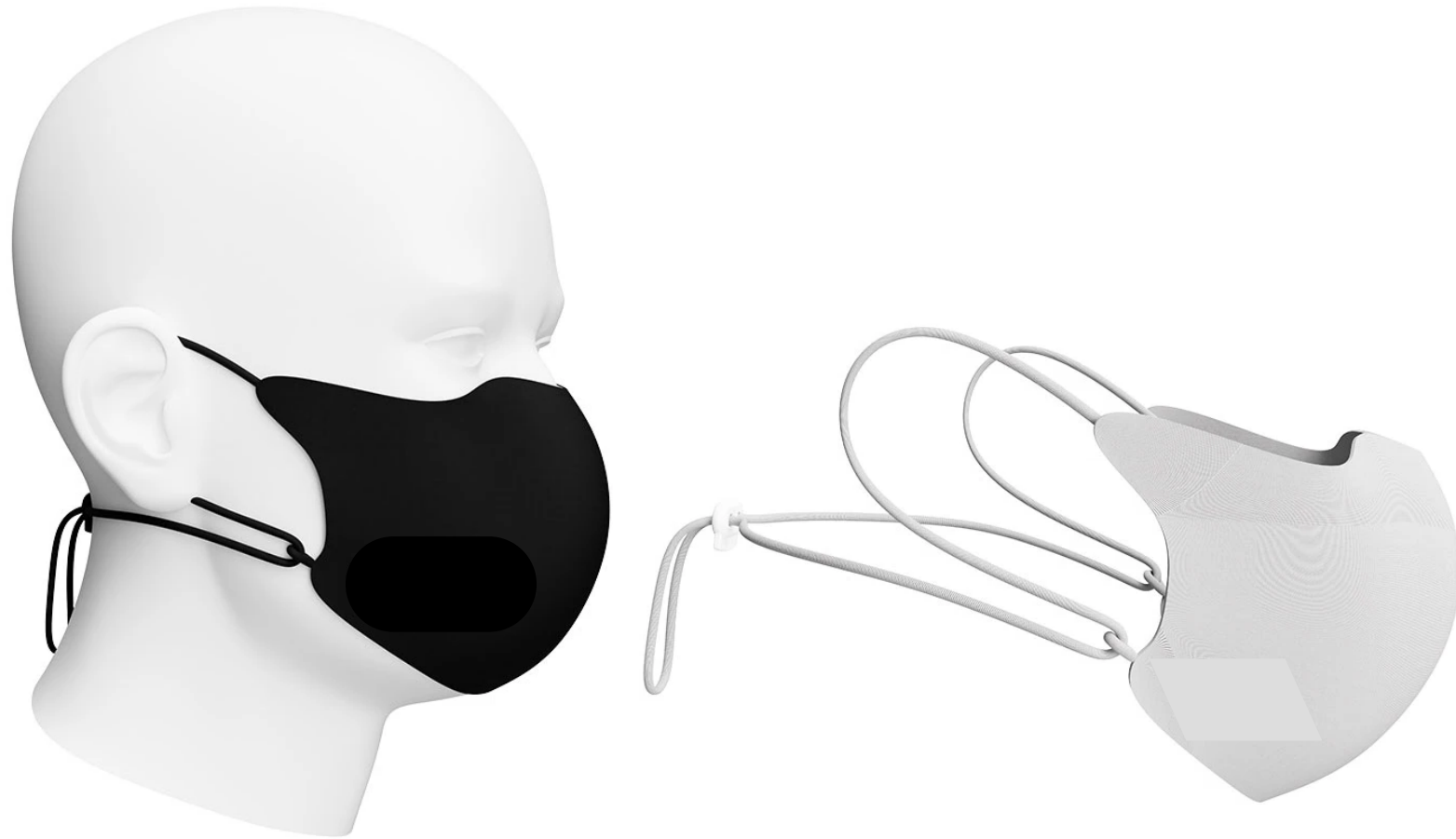
It helps prolong the soft feel and durability of the fabric.



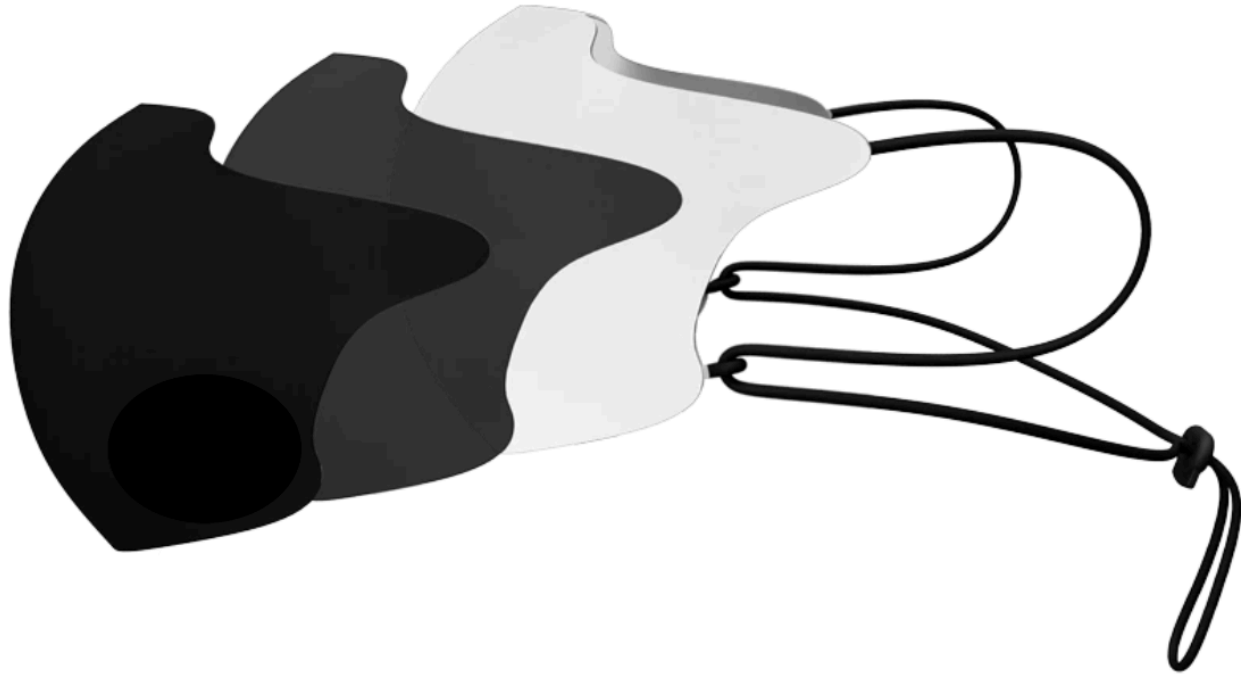
NANOTECH ANTIVIRAL MASK

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- ❖ As normal masks are contaminated after use, they can only be used once and is not eco-friendly.
- ❖ Current antimicrobial masks in the market are not effective as the toxic chemicals that are infused take a significantly long time to kill/inhibit viruses, hence rendering the protection ineffective and unsafe.
- ❖ Our antiviral masks are made from antimicrobial molecules that has been integrated into the fabric of the mask for continued killing of viruses, bacteria, spores, etc, thereby protecting the surface against contamination.
- ❖ Advanced and reusable filter melt brown middle layer for 99.9% efficacy.
- ❖ Highly breathable with with ice cool yarn fabric for comfort.
- ❖ Light hand washable for multiple times with high efficacy maintained.
- ❖ Medical grade certified mask, comparable to N95.
- ❖ In-built self-cleaning filter so there won't be a need to change filters constantly
- ❖ Proven against Sars-Cov-2





1. Masks come in Black and White.
2. Innovative adjustable cord design and 5-size fit system with built-in nose bridge, to create a personalised comfortable sealed fit.
3. Hands-free design conveniently hangs around the neck when not in use, removing the need for storage and prevent falling off.



Surface Filter Layer

Dual patented technology that provides resistance against viruses, bacteria pollen and allergies.

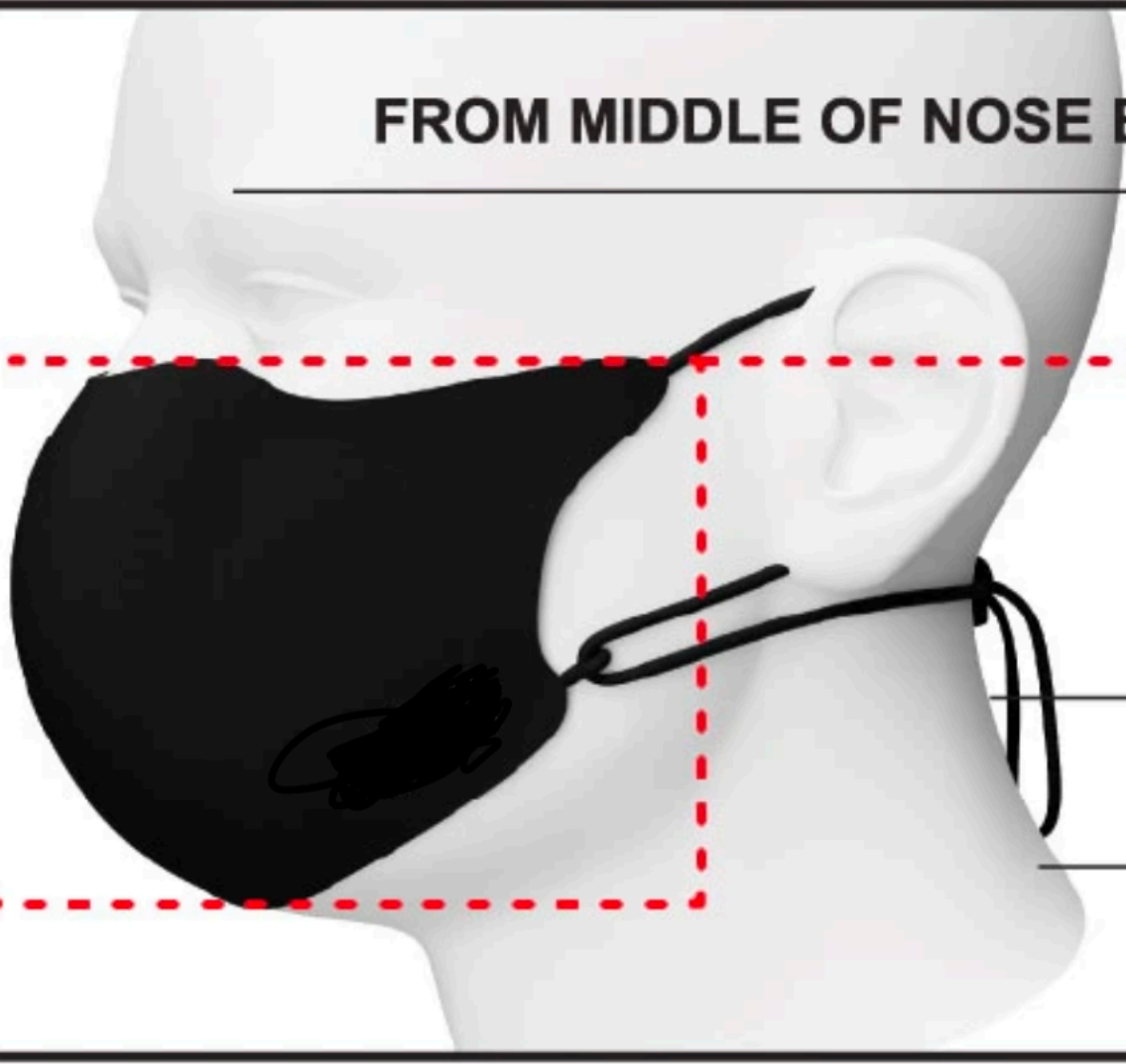
Middle filter layer

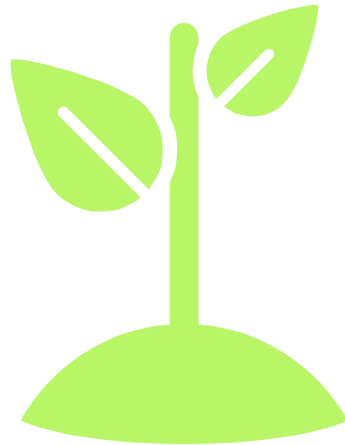
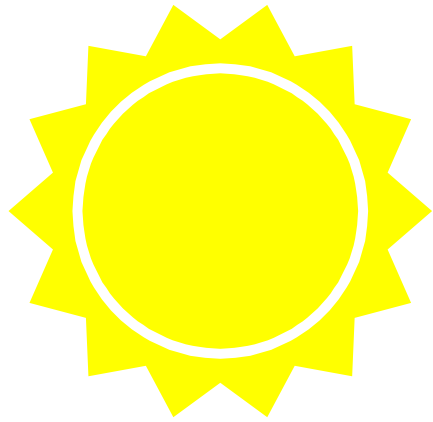
Nano Fiber Filter captures all airborne particulates down to a size of the smallest viruses (0.1 microns), while meeting or exceeding international standards at 1.0 microns and 2.5 microns (99.99%).

Inner Layer

Hypoallergenic super soft sustainable bamboo lining provides natural antibacterial, antimicrobial protection with cool touch for comfort.

Please refer to our size chart for specific dimensions of the mask.

FROM MIDDLE OF NOSE BRIDGE TO CHIN		SIZE
	9.5 cm	XS
	10.5 cm	S
	11.5 cm	M
	12.5 cm	L
	13.5 cm	XL



Our range of Products include:

- Hand Sanitizers
- Disinfectant
- Sanitising Wipes
- Fabric Softener (with antiviral, antimicrobial coating booster
- Paint Coat
- Multi-functional spray coating (water and solvent based) for different surfaces
- Aqua Spray Coat
- Anti-microbial Fabric (Bed Linen, Socks, Non-woven fabrics, Uniforms)
- Anti-viral Plastic PET sheet
- Anti-viral Mask and Face Shield
- Anti-viral Plastic Cling Wrap
- Body Wash
- Microfibre Spray
- Water Filter
- Air Filter
- And many more

MASK MAKING FACTORY

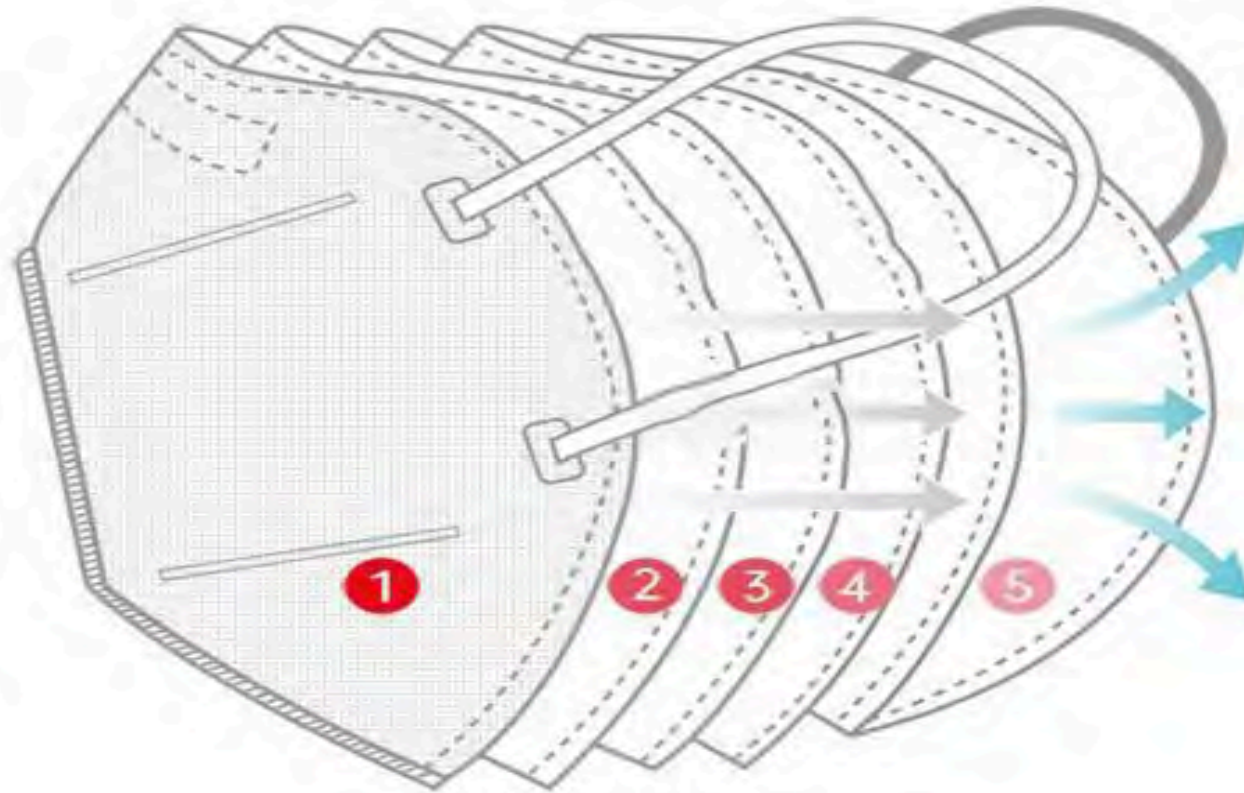


- 10,000 sqm dust-free workshop
- Self-sufficient key raw material supply intelligent manufacturing
- Whole industry supply chain
- 1 million disposable & 1 million KN95 daily
- Flat Disposable mask & KN95 mask
- Fight against epidemic & care for personal health



Product: KN95

- Double Meltblown Fabrics
- Soft & Comfortable
- Well Fitted in 3D Modelling



5-ply Protection

1st Ply: Non-woven fabric (50g/m²)

2nd Ply: Melt-blown fabric (25g/m²)

3rd Ply: Melt-blown fabric (25g/m²)

4th Ply: Non-latex cotton (50g/m²)

5th Ply: PP non-woven fabric (30g/m²)

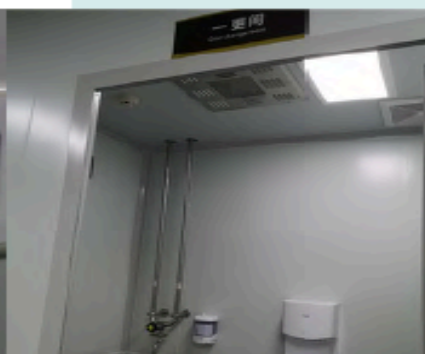
Quality Control Management



Process Control



Interlocking
control 联锁控制



First change room
一更间



Second change
room 二更间



Clean corridor
净化走廊



Laundry room
净衣间



Sanitary ware
room 洁具间



Equipment cleaning
room 器具清洗间



Equipment storage
room
器具存放间



Emergency Exit
紧急出口

Process Control



Unqualified次品 Qualified合格品

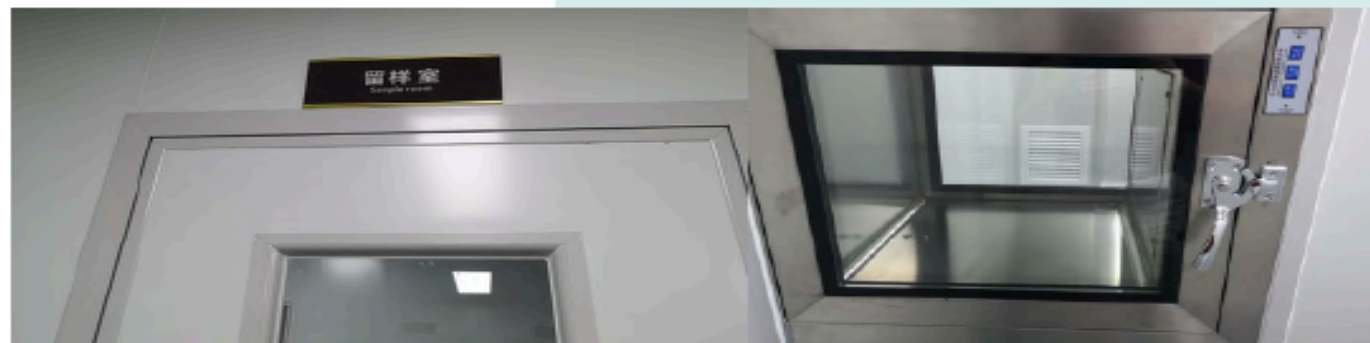
In-process inspection 工序间检验



One by one inspection 人工全检



Process Control



Sample keep Room 留样室

Transfer window 传递窗口



Microbial limit room
微生物限度室

Sterility test room
无菌试验间

Process Control



Process Control



Microbiology test room 微生物测试间



Microbiology test if needed 微生物测试 (如有需要)

Test Machine Display



- KN95 ear loop pull force test machine
- 电子强力机（耳带拉力测试）
- Mildew incubator 真菌（霉菌）培养箱
- Biochemical incubator 细菌生化培养箱

Test Machine Display



▲Electricity heat drum wind drying oven
电热鼓风烘箱

▲Fume hood (for physical and chemical inspection)通风柜 (理化检验用)

▲Biosafety cabinet (for asepsis verification)生物安全柜 (做无菌验证用)

Dust-Free Work Shop



Lockers and cabinet for
staffs and visitors
员工与访客更衣室



Dust-Free Work Shop



Dust-Free Work Shop



R&D Centre



R&D Centre



Warehouse for Non-woven Fabrics and Meltblown Fabrics and other materials





MACHINE STG3.132MC

This model is a high-speed and high-efficiency type with a maximum speed of 1.6m/s. The hard-ware is equipped with a motor connecting rod. Compared with the magnet-seat type connecting rod, the large rod wear is eliminated, the single-port intermediate rotation can be realized, the rotation distance is shortened, the swing control position is more accurate, and the ultra-small head design can be improved efficiency by about 20%. The machine realizes multi-segments stitch knitting in the same line with the equipment of stitch motor with dynamic stitch function. With the tight tuck electron, it is available to realize the function of tuck stitch, meeting the elastic of tight tuck density, so that improving the 3D effect of shoes.

These series uses digital technology to achieve the patterns of weaving, pointel, tuck, tight tuck, apparent shape, hidden shape, intarsia, floatless intarsia and other irregular structure patterns.

THOUGHTFUL TECHNOLOGY

A good machine must have distinguished technology, so does Steiger. Its looping formation quality, even for very friable yarns, will also be capable to meet the requirements of fabric on bulk density or compactness.

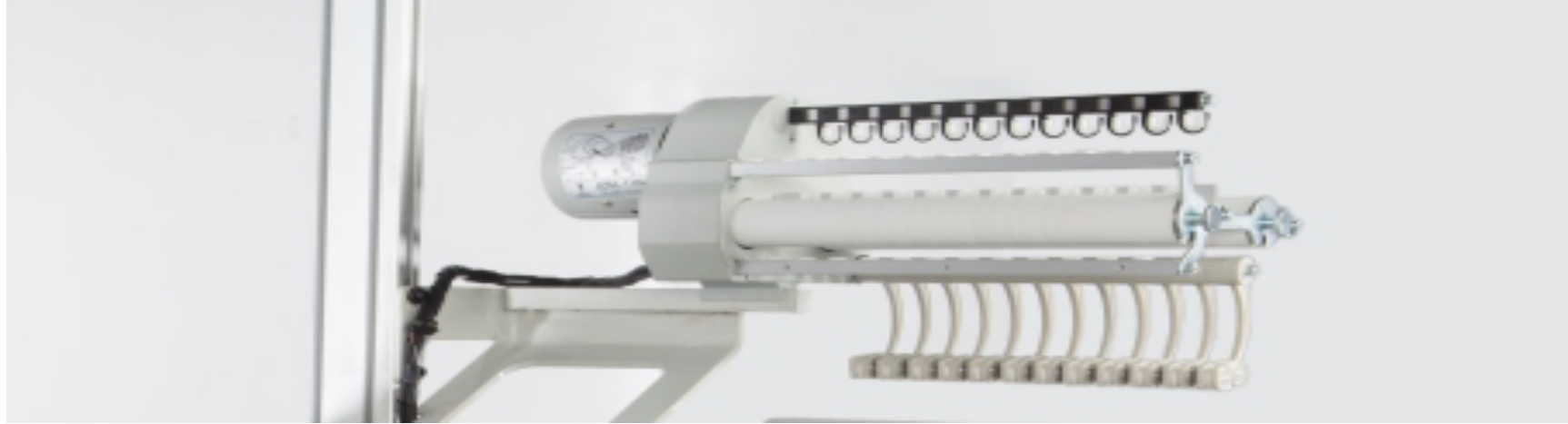
The free multi-gauge allows you to choose different ones on the same machine according to the change of seasons.

SMOOTHER OPERATION

The display displays various knitting information and parameters and visualizations in the actual knitting process.

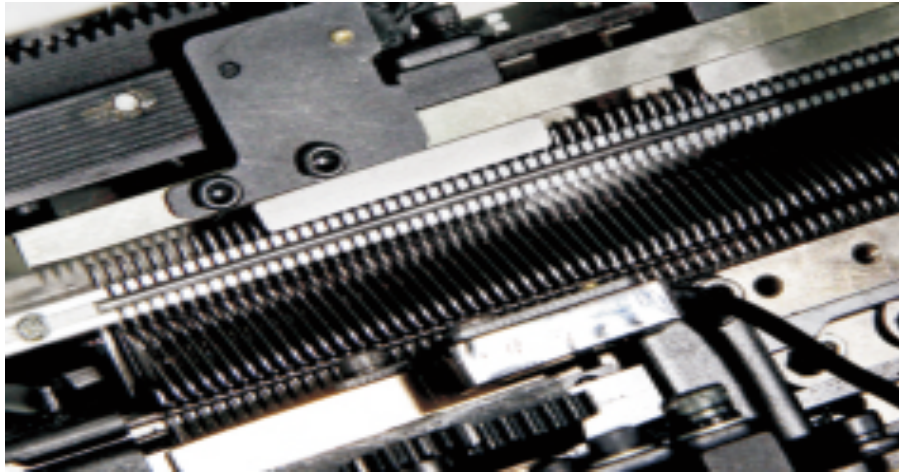
On the display, you can view the CAM working status and actual position along with the quantity of the garments already woven.

In addition, the working parameters such as stitch, speed, tension and so on can be adjusted at any time when the machine is running, which facilitates the operation and saves time to maximum extent.



YARN STORAGE

Yarn Storage could reduce resistance of the conveyor yarn, and it is especially suitable for fabric with lack of elasticity and brittleness such as cashmere yarn, rabbit hair yarn, making the fabric even and smooth, as well as improving knitting efficiency.



SINKER SYSTEM

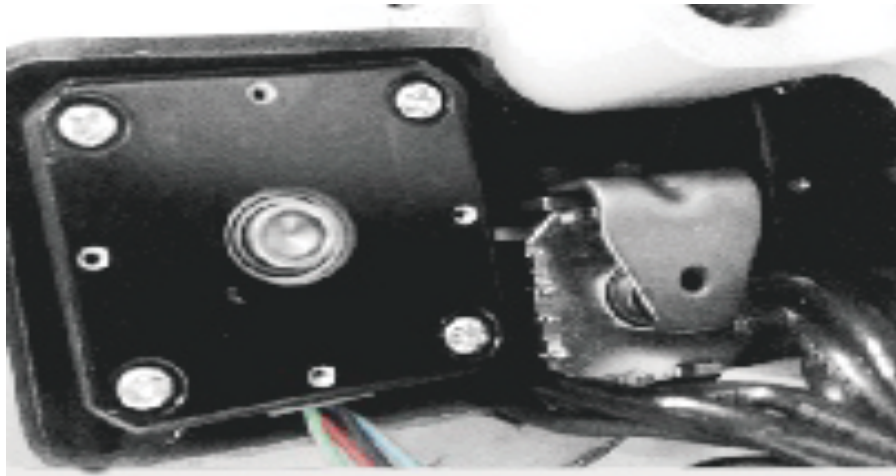
When needle goes up and down, sinker will help yarn to transfer, press of or knit, the sinker system can be made adjustable.

Operators can control and adjust the sinker value according to weaving requirements.



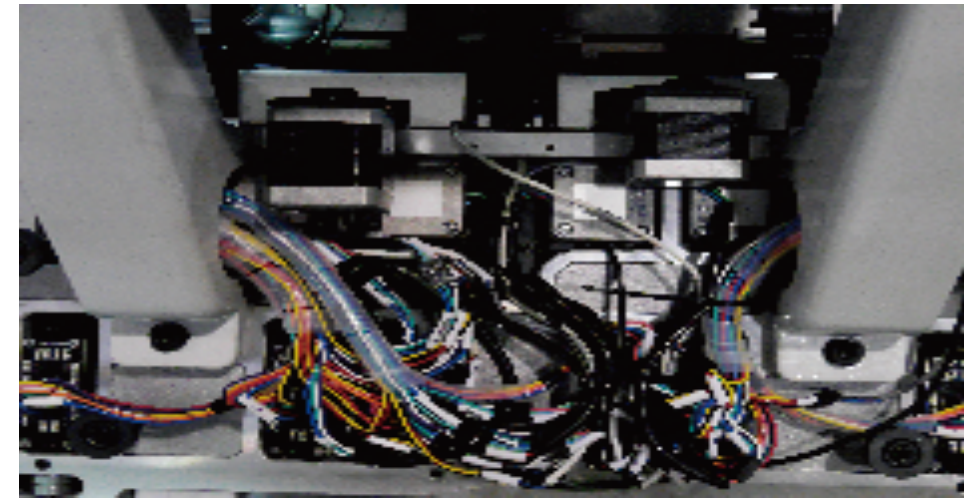
MOTORIZED YARN FEEDER

16 yarn feeders can be automatically knitted, and the knitting position of yarn carriers, which effectively avoids overlapping; meanwhile, the system may complete the united knitting of a lot of carriers and easily complete the knitting works of such complicated patterns such as intarsia and complete garment knitting, which greatly improves the production efficiency.



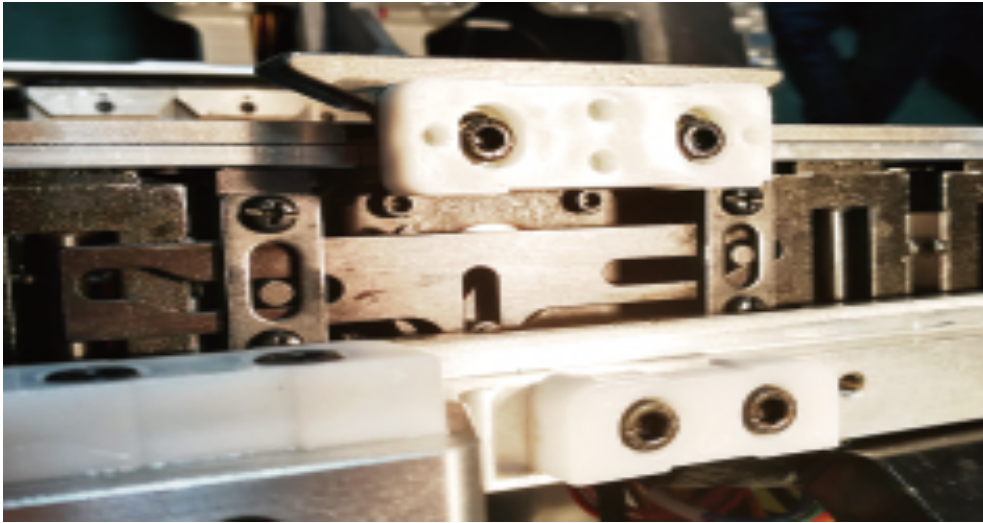
DYNAMIC STITCH

With dynamic stitch function, using high speed stepping motor, multi-segment stitch function can be achieved in one course



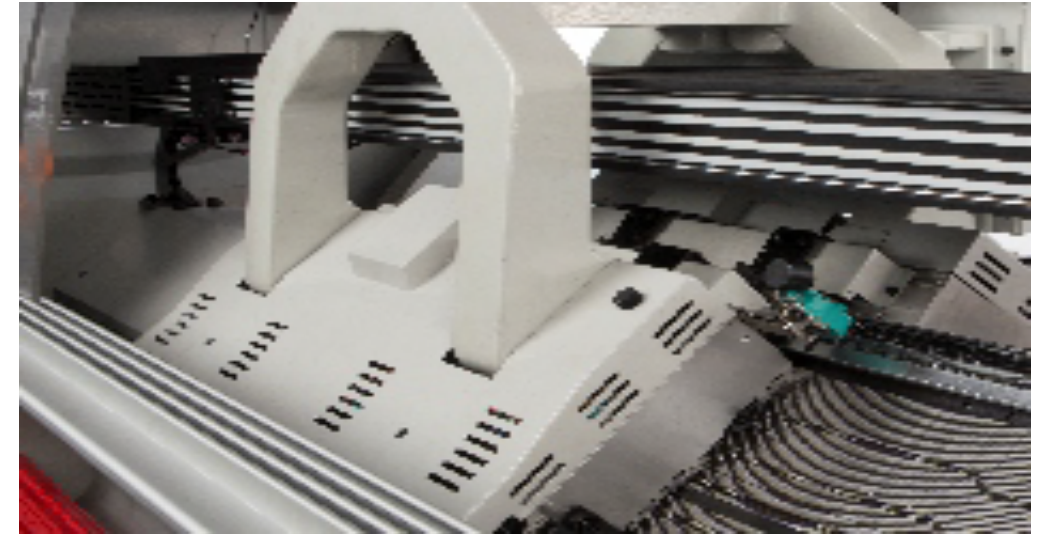
DESIGN OF MOTORIZED CAM

Stepping motor is used instead of electromagnet to control CAM press. Closed-loop control principle makes the machine run at high speed, more stable and easier to maintain.



MOTORIZED INVERSION BAR

The carriage inversion bar is driven by motor, carriage return position is more accurate, improving the efficiency.



DESIGN OF ULTRA-SMALL CARRIAGE

Further optimize the size of the machine carriage, reduce the carriage return distance, and improve the efficiency by 5%-8%.

MACHINE PARAMETERS

Gauge	5G.6G.7G.8G.9G.10G.12G.14G.15G.16G.18G and 5/7G
Knitting Width	52Inches/60Inches/72Inches
Machine speed	Max 1.6m/sec. (Knitting speed varies according to yarn, gauge and other knitting conditions, can adjust the speed arbitrarily) Speed can be programmed for 32 separate categories.
Racking	Driven by ac servo motor, the range of moving needle is up to 2 inches.
Sinker	Step motor-driven
Loop density	32 segments of electronically controlled, stepper motor control to adjust density, adjustable range: 0-650
Take-down Device	High position rollers + Take down comb, 32 segments can adjust.
Motorized inversion bar	Motorized inversion bar, improve efficiency.
Yarn feeder	16 PCS motorized yarn feeders, independent controlled by each motor.
Yarn provider	Yarn provider or use yarn storage (optional), precisely keep yarn tension, ensuring the overall quality of the fabric.
Drive system	Belt drive, AC servo motor.
Document transmission	Input and output pattern through USB and computer networking
Stop motion system	Yarn break, large knot, fabric pileup, shock detection, piece count, over-torque, stop on selected course, program error, etc.
Safety devices	Emergency stop switch, power off device, alarm indicator. Full machine cover safety cover for noise-suppression and dust-proofing. (With stop motion sensor)
Back-up power	Power supply for resuming knitting after power failure.

STAGES OF THE FACTORY

1. Buffer Room 1 - Shoe Changing Area – Shoes will be removed on one side of the room. Sterilized factory shoes will then be donned on the other side of the room



STAGES OF THE FACTORY

2. Buffer Room 2 – Hand washing area + Personal Storage Area

Large sink to wash and disinfect hands and personal storage area to remove and keep all personal belongings.



STAGES OF THE FACTORY

3. Suit up Room – Room to wear protective PPE. Dust-free room (Suits in different colors to differentiate ranking/work area). After the shift, workers will place the suits in colored bins matching their suits for it to be washed and sterilized for the next worker



STAGES OF THE FACTORY

4. Decontamination Room Before entering the main factory space, workers will need to enter a decontamination room. Some factories will require 2 decontamination room



STAGES OF THE FACTORY

5. Factory room 1 – Manual mask making



STAGES OF THE FACTORY

6. Factory room 2 – Semi-automatic mask making room. Temperature, moisture rate and air pressure is regulated to ensure that the room complies with regulations and also to prevent growth of bacteria. All factory spaces are cleaned, sanitized and disinfected at a minimum of 3 times a day.



STAGES OF THE FACTORY

7. Factory room 3 – Fully automatic mask making room. A QC Manager/Engineer will oversee this room to ensure standards and quality are kept



STAGES OF THE FACTORY

8. Warehouse— Where the raw materials are kept. It is also dust free and sanitized. Melt blown fabric, yarns and packing materials are kept far apart from each other to prevent cross contamination



STAGES OF THE FACTORY

9. Packing Room– Should there not be an automatic machine for packing and packing is done manually into individual packing or into boxes, a new room must be created where it is fully sanitized.

10. Bio-testing Room – A room to test some of the masks for efficacy so there will always be QC. This is a random mask test selected randomly from the production line.

11. Treatment Room – A room to do the treating of the yarn with the molecule. This needs to be a large space as each treatment would take about 3 days.



12. Dyeing Room– A room to do the dyeing of the fabric after it has been treated.

EXPENDITURES

Factory Setup **Estimated** - \$20million

Administrative

\$1million -
including office
staff, telco bills,
utilities, tax,
logistics and
others

Purchases

\$2million -
molecule and yarn

Machine + Equipment

\$15 million
including
decontamination
chamber + 5
knitting machines
+ Packing Machine
+ Molecule and
Fabric Treatment
room equipment +
Biolab for random
QC testing
Per day, est is 150k units

Manpower

\$1million for 3
years. 60
manpower at
average price of
\$1500/mth.
Engineers,
computer tech, QC
managers,
Supervisors,
Workers

REVENUES

Estimated per month

Transaction based revenue

Manufacturing
- Antiviral Products
(Avg per unit - \$0.50)
x 4.5million =
\$2.25m

Service based Revenue

Disinfectant
- 10 outlets/per day
x \$200 = \$2000 x 30
days = \$60,000.

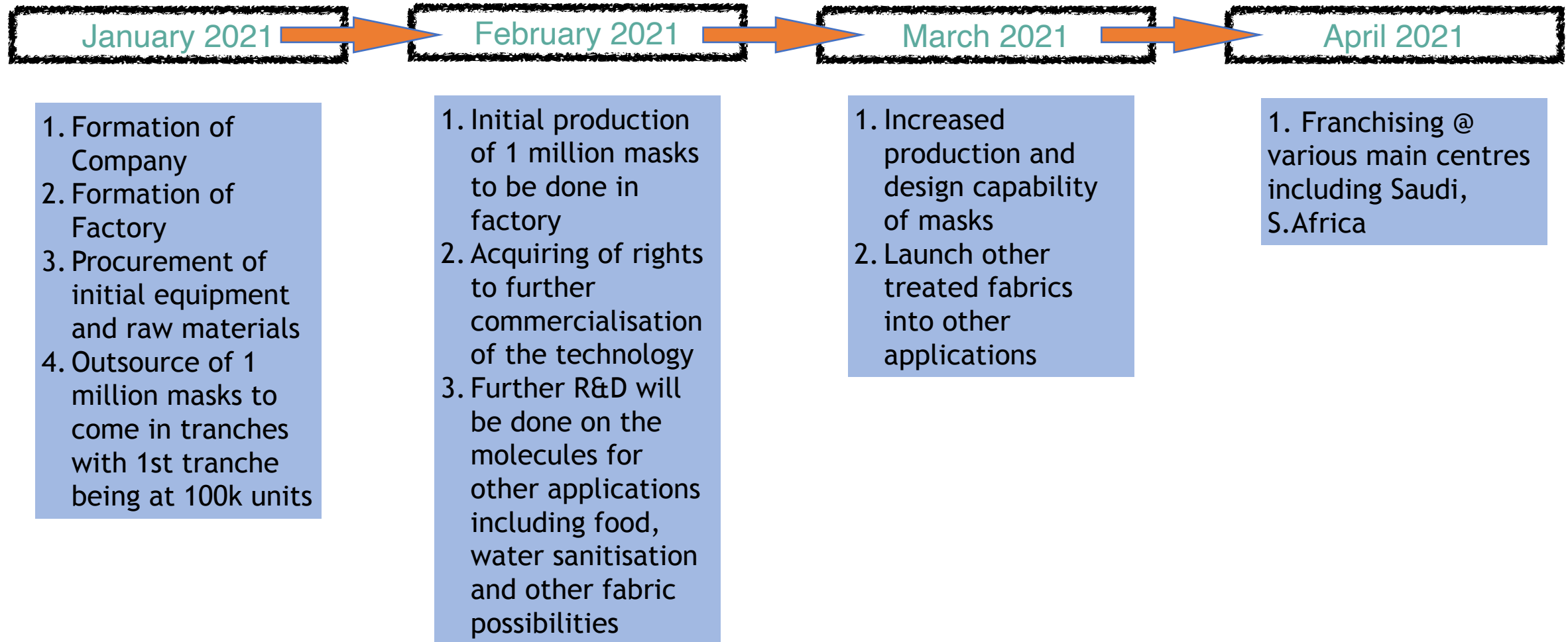
Project Revenue

Manufacturing other
brands anti-viral
products
(Avg per unit - \$1.50)
x 3 million = \$4.5m

Franchising

Franchising @
\$200,000 per country

TIMELINE





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