

PRODUCTOS PROTECTORES

SOLUCION INTEGRAL

LA INNOVACION MEJORA NUESTRAS VIDAS



SERVICIOS KUARTZ[®]
by TERMOQUAR



SERVICIOS KUARTZ SA

**IMPORTA, DISTRIBUYE Y COMERCIALIZA TODA LA GAMA
DE PRODUCTOS PARA PREVENIR Y COMBATIR
AL VIRUS COVID-19**



CONTENTS

PART 1: PLASMA AIR STERILIZERS

PART 2: 3PLY & KN95 MASKS

PART 3: NON CONTACT THERMOMETERS

PART 4: PROTECTIVE SUITS

PART 5: VENTILATORS

PART 6: COVID-19 RAPID TESTS

PART 7: FACE SHIELDS, GLOVES, GOGGLES

PART 8: PEROXIDE FOGGER

PART 9: HAND SANITIZERS



20 Years

Plasma Air Sterilizer

Breathe fresh air freely

H1N1 Virus
≥99.95%

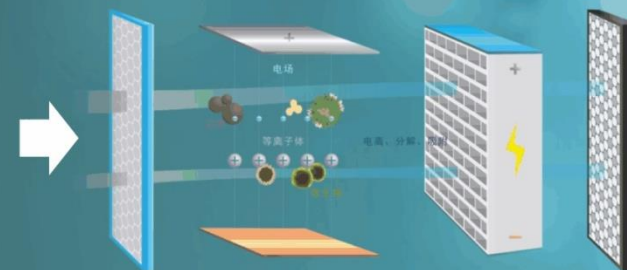
Natural Microorganism
≥90%

Staphylococcus albus
>99%

Particles CADR
>750m³/h

HCHO CADR
>400m³/h

**Plasma Module
Made to kill**



1 Initial Filter
Filtrate large particles in air, such as hair, suspended matter, etc.

2 Plasma Module
Plasma Module Generate huge amount of active oxygen ions, high energy radicals that very easily to oxidize microorganisms, mold, spores, protein and nucleic acid of virus and kill all kinds of microorganisms.

3 High Polymer Filter
Remove hazardous gas in air, such as: odor, aroma, TVOC, HCHO, etc.

Mobile ▶
KJF-Y100



**01
PART**

Central AC
KJF-Q100 ▼

Wall Mounting
KJF-B100 ▼

▶ **Product Overview**

Plasma Air Sterilizer

Cross Infection in Hospitals

Hospital air contamination increases morbidity and mortality of patients, and in the meantime, puts medical persons at higher risk, increases medical costs, wastes social resources; on the other hand, costs of patients are increased as well.

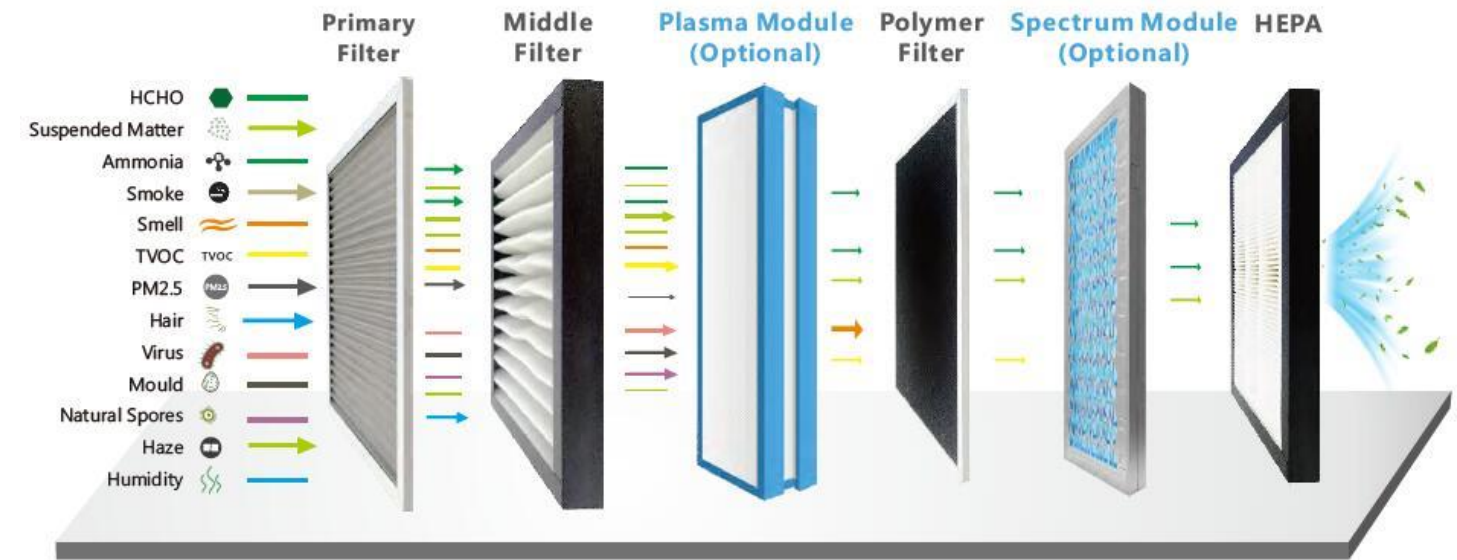
Air Purification and Disinfection in Hospitals

Air purification and disinfection system is the most important among all air purification total solutions. It requires professional and high efficient purification, and in the meantime disinfection of air. Furthermore, it should provide customized solution according to actual conditions and requirements.

Application Range

OT, Infectious Ward, ICU, NICU, Therapy Ward, Convalescent Ward, Inpatient Rooms, CSSD, Labs, Pathology Department, etc.

▶ **Work Flow**



Note: configuration might be different according to actual room situations.

PURIFICATION & DISINFECTION MODULES

◆ **Primary Filter**

Collect large particles in air such as hair, suspended matters, dusts, etc.

◆ **Middle Filter**

Filter are made of 100% synthetic fibre to filtrate small dust and other suspending matters.

◆ **Plasma Module**

Generate huge amount of active oxygen ions, high energy radicals that very easily to oxidize microorganisms, mold, spores, protein and nucleic acid of virus and kill all kind of microorganisms.

◆ **Spectrum Module**

Generate UV of 240 - 280nm that kills airborne virus efficiently.

◆ **Polymer Filter**

Remove and absorb smell, ammonia, TVOC, HCHO, etc.

◆ **HEPA**

Removes 99% of 0.1µm and 0.3µm particles.

► **Product Overview**

Plasma Air Sterilizer

Item Code: KJF-B100

- Ambient: Temp.: -10° C-40° C, RH: ≤90%
- Air Pressure: 86kPa-106kPa
- Installation: Wall Mounted
- Room Size: ≤100m³
- Noise dB(A): ≤53
- Control: Remote, Mobile APP, Display Terminal
- Dimension: 960x340x160mm
- Power Input: ≤55W
- Connection: WiFi, Bluetooth
- Net Weight: Appox. 14Kg



► **Product Overview**

Plasma Air Sterilizer

Item Code: KJF-Y100

- Ambient: Temp.: -10° C-40° C, RH: ≤90%
- Air Pressure: 86kPa-106kPa
- Installation: Mobile Room
- Size: ≤100m³
- Noise dB(A): ≤50
- Control: Remote, Mobile APP
- Display Terminal
- Dimension: 340x340x960mm
- Power Input: ≤50W
- Connection: WiFi, Bluetooth
- Gross Weight: Appox. 14Kg



02
PART

3PLY & KN95 MASKS

► Product Overview

Disposable Masks



Item code: FM-1

- According to GB/T 32610
- 3 ply
- Initial environment 400 CFU
- BFE \geq 95%
- Package: 50pcs/box, 40boxes/carton, 53x39x35cm, 8KG
- Non Sterile
- Lead time: 300,000pcs/day
- Certificate: None

50 PACK



▶ **Product Overview**

Disposable Medical Masks

Item code: MFM-1

- According YY/0969-2013 (Equal to EN14683 II)
- 3 ply
- Initial environment 100C FU
- BFE ≥ 95%
- Package: 50pcs/box 40boxes/carton, 540*410*370, 8.5KG
- Non Sterile
- Lead time: 400,000pcs/day
- Certificate: CE



▶ **Product Overview**

Disposable Medical Surgical Masks

Item code: SFM-1

- According YY/0469 (Equal to EN14683 IIR)
- 3 ply
- Initial environment 100C FU
- BFE ≥ 95%
- PFE ≥ 30%
- Splash resistant ≤ 5.0 mm H₂O/cm²
- Package: 50pcs/box, 40boxes/carton, 540*410*370, 8.5KG
- Sterile or Non Sterile
- Lead time: 100,000pcs/day
- Certificate: CE



▶ **Product Overview**

Anti Particulate Respirator

Item code: KN95-2

- According GB 2626 (Equal to EN149 FFP2)
- 4 ply
- Initial environment 100C FU
- BFE≥95%
- Package: 1pcs/pouch, 20pouches/box, 36boxes/carton, 500*400*435,7.1KG
- Non Sterile
- Lead time: 400,000pcs/day
- Certificate: CE



▶ **Product Overview**

Anti Particulate Respirator

Item code: KN95-6

- According GB 2626 (Equal to EN149 FFP2)
- 4 ply
- Initial environment 100C FU
- BFE≥95%
- Package: 2pcs/pouch, 25pouches/box, 20boxes/carton, 660*275*500,8.3KG
- Non Sterile
- Lead time: 400,000pcs/day
- Certificate: CE



03
PART

NON CONTACT THERMOMETERS

▶ Product Information

Item code: FT-100B

- According to EN ISO 13485:2016
- Measurement site: Forehead (non-contact, 1-3cm)
- Measurement range:
- Body temperature mode: 28.0~42.9° C
(82.4° F~109.2° F)
- Environment temperature mode:
- 28.0~50.0° C (82.4° F~109.2° F)
- Package: 60pcs/Carton
- Lead time:
- Certificate: ISO: EX 60133014000
EC: DD 60133013 0001



Product Overview



Package Box Overview

- ✓ Forehead Mode
Object Mode
- ✓ 32 memories
- ✓ Beeper
- ✓ Range(body mode):
28.0-42.9°C or 82.4-109.2°F
- ✓ Operating Temperature:
10-40°C(50-104°F)
- ✓ Battery: 2×1.5V AAA
alkaline battery



(Forehead Mode)



(Scan)



(Readout)

Infrared Thermometer



Temperature indicator



Green
 $T < 37.5^{\circ}\text{C}$



Orange
 $37.5^{\circ}\text{C} \leq T < 38.0^{\circ}\text{C}$



Red
 $38.0^{\circ}\text{C} \leq T$

Infrared Thermometer



Model: FT-100B



Mar.2020.ver.1



Model: FT-100B



▶ **Product Information**

Infrared forehead thermometer

Item code: JA-11S

- Measurement site: Forehead and ear canal
- Body temperature mode: 28.0~42.9° C (82.4° F~109.2° F)
- Environment temperature mode: 28.0~50.0° C (82.4° F~109.2° F)
- Package: 60pcs/Carton 32*27*37cm, 7.8kg
- Lead time: 15,000pcs/day, 30,000pcs/day from Mar. 30th
- Certificate: CE: BSTXD190312497401EC-R1

▶ **Product Overview**



► Functions & Contents



► Certificate

 **BST** | A RELIABLE TESTING FOR TRUST

Certificate of Compliance

Certificate No : BSTXD190312497401EC-R1
Applicant : QINGDAO YASEE MEDICAL DEVICE CO.,LTD
4 Layer, No.1 Dongfeng Road, Luwang Town, Huangdao Distict, Qingdao City
Manufacturer : QINGDAO YASEE MEDICAL DEVICE CO.,LTD
4 Layer, No.1 Dongfeng Road, Luwang Town, Huangdao Distict, Qingdao City
Product Name : INFRARED ELECTRONIC THERMOMETER
Main Test Model : JA-11A
Additional Model : JA-11B, JA-11C, JA-11D, JA-11E, JA-11F, JA-11G, JA-11H, JA-11S, JA-11R
Test Standard : EN 55032:2015
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 55035:2017
As shown in the Test Report No. : BSTXD190312497401ER-R1

TEST SERVICE OF TESTING

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.

  
Christina Deng
Manager
Mar. 27, 2019

BST Technology (Shenzhen) Co.,Ltd.
Add: No.7, New Era Industrial Zone, Guanlan, Bao'an District, Shenzhen, Guangdong, China
Certificate Search: <http://www.bst-lab.com> Tel:400-682-9628, 8009990305, E-mail:christina@bst-lab.com

04
PART

PROTECTIVE SUITS

▶ **Product Overview**

Disposable Protective Coveralls

Item code: PC-W

- Certificate: FDA ISO13485
- EO Sterile
- According to: single-use protective clothing for medical use (GB19082-2009)
- Recommended Industry: Typical applications may include: Medical outpatient department, sick room, inspection chamber, lab room, ICU, CDC and other clinical protective place, Effective fight against virus.
- Feature: Disposable (special safety). Double Protection (Taped Seams + Velcro Design make it easier to operate). Triple Barrier (help provide barrier protection against liquid splashes, hazardous dusts, and certain biological contaminants). Four kinds of comfortable (light and permeable, overhang design+ slim fits, Anti-static, non-irritant)
- Material: PP non-woven fabric (30gsm) + Breathable film (30gsm) + glue (3gsm)
- Lead time: TBD
- Package: 50 pcs/ carton

▶ Product Overview

Fine cutting Professional protection



Quality Guarantee Trustworthy
Inspection Report Safety Protection



Quality Guarantee Trustworthy COVERALLS SIZE DETAILS

unit:cm

Model	Length	Chest	Sleeve length	Sleeve opening	Ankle opening
160	165	120	84	18	24
165	169	125	86	18	24
170	173	130	90	18	24
175	178	135	93	18	24
180	181	140	96	18	24
185	188	145	99	18	24
Error	±2	±2	±2	±2	±2

▶ Product Overview

Disposable Isolation Coveralls

Item code: IC-W

- Certificate: FDA ISO13485
- EO Sterile
- According to: ISO 13485: 2016
- Recommended Industry: Typical applications may include: Apartment gate, street, office, community, city traffic crossroads, company, medical out patient, in patient, inspection chamber, lab., etc.
- Feature: Disposable (special safety). Double Protection (Taped Seams + Velcro Design make it easier to operate). Triple Barrier (help provide barrier protection against liquid splashes, hazardous dusts, and certain biological contaminants). Four kinds of comfortable (light and permeable, overhang design slim fits, anti-static, non-irritant)
- Material: PP non-woven fabric (37gsm) + PE film (28gsm)
- Lead time: TBD
- Package 50 pcs/carton

▶ Product Overview

Quality Guarantee Trustworthy COVERALLS SIZE DETAILS

unit: cm

Model	Length	Chest	Sleeve length	Sleeve opening	Ankle opening
160	165	120	84	18	24
165	169	125	86	18	24
170	173	130	90	18	24
175	178	135	93	18	24
180	181	140	96	18	24
185	188	145	99	18	24
Error	±2	±2	±2	±2	±2



Quality Guarantee Trustworthy Inspection Report Safety Protection



▶ Product Overview

Disposable Protective Coveralls

Item code: PC-W2

- Certificate: CE FDA ISO13485
- EO Sterile
- According to: ISO 13485: 2016
- Recommended Industry: Typical applications may include: Medical outpatient department, sick room, inspection chamber, lab room, ICU, CDC and other clinical protective place, Effective fight against virus.
- Feature: Disposable (special safety). Double Protection (Taped Seams + Velcro Design make it easier to operate). Triple Barrier (help provide barrier protection against liquid splashes, hazardous dusts, and certain biological contaminants). Four kinds of comfortable (light and permeable, overhang design+ slim fits, Anti-static, non-irritant)
- Material: PP non-woven fabric (30gsm) + Breathable film (30gsm) + glue (3gsm)
- Lead time: TBD
- Package: 40 pcs/carton

▶ **Product Overview**



Quality Guarantee Trustworthy

COVERALLS SIZE DETAILS

unit:cm

Model	Lenght	Chest	Sleeve length	Sleeve opening	Ankle opening
160	165	120	84	18	24
165	169	125	86	18	24
170	173	130	90	18	24
175	178	135	93	18	24
180	181	140	96	18	24
185	188	145	99	18	24
Error	±2	±2	±2	±2	±2

▶ **Product Overview**

Disposable Protective coveralls

Item code: TWJ-Tape-01

- Certificate: CE
- None Sterile
- According to: According to ISO 13485: 2016
- Recommended Industry: Can be used in outpatients, wards, inspection rooms, laboratories, medical operating rooms, etc. Isolated the virus effectively.
- Feature: High protection, special neckline heightening design; liquid is difficult to penetrate, Strong sealing performance; cotton knitted cuffs, elastic and comfortable; breathable material, anti-sweat.
- Product Style: Coveralls Color: White
- Lead time: 5000-12000 pcs/day
- Package: 20pcs/box, 40*30*35 cm, 4.95kg

► **Product Overview**



05
PART

VENTILATORS

▶ **Product Overview**

Item code: PA-500

- Display: LED
- Ventilation Mode: A/C, IPPV, SIPPV, IMV, SIMV, MANUAL
- Minute Volume: Greater than or equal to 18L
- Back-up Power Supply: At least 4 hours
- Tidal Volume: Adjustable range: 50-1500ml, Display range: 0-2000ml
- Output Oxygen Concentration: <50%
- Respiratory Rate: 6-60bpm
- Pressure Limit: 1-6kPa
- Inspiratory/Expiratory (I: E) Ratio: 1: 1.5-1: 3.0
- PEEP: 1-10cmH₂O
- SIMV Rate: 1-12bpm
- Inspiratory Pressure Trigger: -4-10cmH₂O
- Maximum Safe Operating Pressure: ≤6.0 kPa
- SIGH: 1 sigh breath in every 80-120 breaths
- Airway Pressure Alarm:
Upper Limit: 0.9~5.4kPa Lower Limit: 0.5kPa
- Gas Supply Requirement: 280~600 kPa medical grade oxygen

▶ **Product Overview**

- Size (mm): 660*520*1110 0.38CBM
- Gross Weight(KG): 40
- Lead time: TBD



▶ Product Overview

Item code: PA-700B-(III)

- Display: 10.4 inch high visibility color TFT display
- Ventilation Mode: A/C, IPPV, SIPPV, IMV, SIMV, Standby, SPONT MANUAL
- Minute Volume: Greater than or equal to 18L
- Back-up Power Supply: At least 4 hours
- Tidal Volume: Adjustable range: 50-1500ml, Display range: 0-2000ml
- Respiratory Rate: 1-99bpm
- Inspiratory/expiratory (I: E) Ratio: 4: 1-1: 4
- PEEP: 0-10cmH₂O
- SIMV Rate: 1-20bpm
- Inspiratory Pressure Trigger: -10-10cmH₂O
- Inspiratory Plateau: Adjustable from 0-50% of inspiratory time
- Adjustable Oxygen Concentration: 45-100%
- Gas Supply Requirement: 280~600 kPa medical grade oxygen and compressed air supply

▶ Product Overview

- Pressure Limit: 1.0kPa~6.0kPa
- Maximum Safe Operating Pressure: ≤6.0kPa
- Tidal Volume Alarm: Upper Limit: 10~2000ml, Lower Limit: 0~1800ml
- Airway Pressure Alarm: Upper Limit: 0.1~6kPa, Lower Limit: 0~5kPa
- Oxygen Concentration Alarm: Upper Limit: 22~100%, Lower Limit: 21~80%
- Air compressor PN-3000
- Size (mm): 660*520*390; 700*700*560; 440*300*380; 930*265*240
- Gross Weight(KG): 99 KG
- Lead time: TBD



▶ Product Overview

Ventilator

Item code: PA-900B-(III)

- Minute Volume: Greater than or equal to 18L
- Back-up Power Supply: At least 4 hours
- Tidal Volume: Adjustable range: 20-1500ml, Display range: 0-2000ml
- Respiratory Rate: 1-99bpm
- Inspiratory/expiratory (I: E) ratio: 4: 1-1: 4
- PEEP: 0-10cmH₂O
- SIMV Rate: 1-20bpm
- Inspiratory Pressure Trigger: -10-10cmH₂O
- Trigger Sensitivity (flow): 1-10L/m
- Inspiratory Plateau: Adjustable from 0-50% of inspiratory time
- Adjustable Oxygen Concentration: 45-100%
- Gas Supply Requirement: 280~600 kPa medical grade oxygen and compressed air supply

▶ Product Overview

- Pressure Limit: 1.0kPa~6.0kPa
- Maximum Safe Operating Pressure: ≤6.0kPa
- Tidal Volume Alarm: Upper Limit: 10~2000ml, Lower Limit: 0~1800ml
- Airway Pressure Alarm: Upper Limit: 0.1~6kPa, Lower Limit: 0~5kPa
- Oxygen Concentration Alarm: Upper Limit: 22~100%, Lower Limit: 21~80%
- Air compressor PN-3000
- Size (mm): 650*495*470;
700*700*560;440*300*380;930*265*240 101KG
- Lead time: TBD



▶ Product Overview

Ventilator

Item code: AV-2000B3

- Display: Large colored LED, big front display
- Temperature control: Nine gear temperature control system with heating protection function
- Simply respiratory
- Lead time: TBD



▶ Product Overview

- Applicable to internal medicine, surgery, gynecology, pediatrics, emergency, ICU and other departments of hospitals at all levels. (Built-in air compressor for external air supply.)



06
PART

COVID-19 RAPID TESTS

▶ **Product Overview**

COVID-19 IgM/IgG Rapid Test

Item code: COVIDRT-2

- According to: Directive 98/79/EC, Article 9
- Works with: Finger stick, Whole Blood, Serum, or Plasma.
- Package: - 5 Cassettes - 5 Buffer Tubes - 5 Alcohol Swabs
- 25 Cassettes - 2 Buffer Tubes - 5 Lancets - 5 Pipettes
- Lead time: TBD
- Certificate: CE

▶ Product Overview

COVISURE™

COVID-19 IgM/IgG Rapid Test

(For in Vitro Diagnostic Use Only)

- COVID-19 Positive/Negative Results in 15 Minutes
- Works with Fingerstick, Whole Blood, Serum, or Plasma
- Increased Screening with IgM and IgG Antibody Detection
- Ideal High-Volume Screening Device to Compliment Nucleic Acid Tests

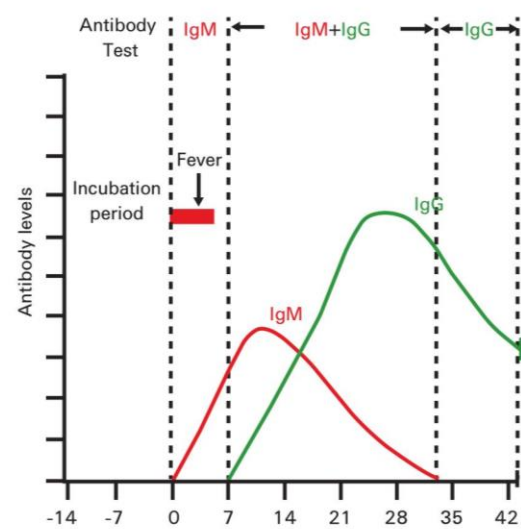
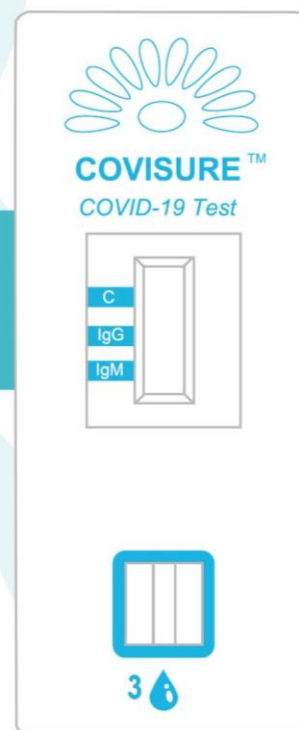


Figure 1. Days after symptoms appear

The human immune system is an incredibly effective defense mechanism in fighting and protecting the body against disease. When a patient is infected by the SARS-CoV-2 virus, the immune system will begin to form IgM antibodies as the first line of defense. While IgM antibodies are effective in the fight against infection, as the immune system mounts a more direct defense against the infection the body will begin to form specialized IgG antibodies. IgG antibodies are highly specific to the disease in question, they will appear in a later stage of the infection and remain in the body for some time after the infection has been defeated. The COVISURE COVID-19 IgM/IgG Rapid Test is designed to quickly detect and differentiate both the IgM and IgG antibodies produced by the immune system during a COVID-19 infection.

- The IgM antibody can be detected in patient specimen 3-6 days after infection
- Positive result indicate a presumptive infection
- Negative results are a presumptive indication of no infection

Analytes	COVID-19 IgM/IgG Ab
Sensitivity	93.3%
Specificity	100%
Accuracy	99.2%

▶ Testing Procedure & Results

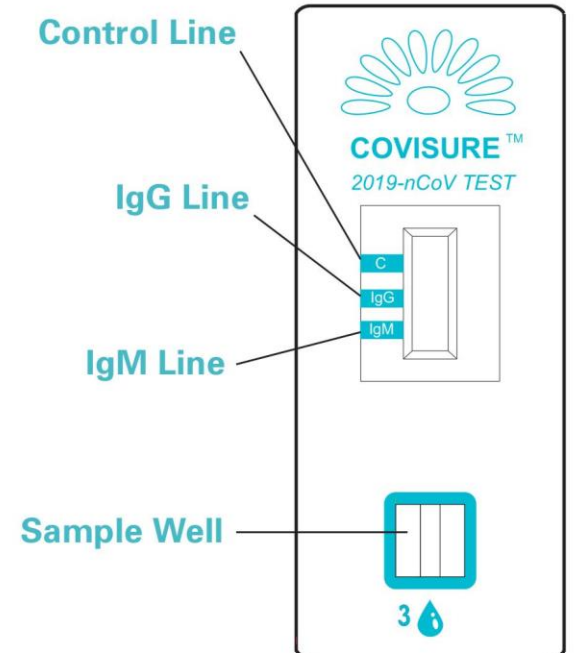
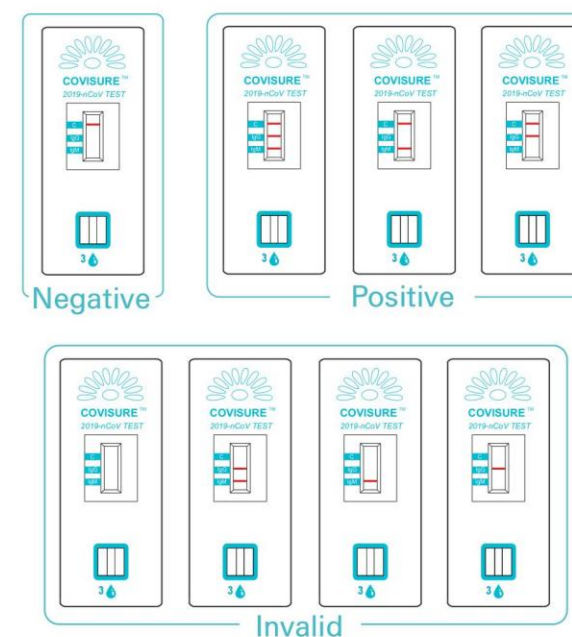
Finger Stick/Whole Blood Sampling Procedure

- Collect 20ul whole blood and add sample to the "sample well" on the test.
- Place 2-3 drops of buffer into the "sample well."
- Wait 15 minutes.
- Read results.

Serum/Plasma Testing Procedure

- Collect 10ul of serum/plasma.
- Add serum/plasma sample to "sample well."
- Place 2-3 drops of buffer in "sample well."
- Read results after 15 minutes.

Results



► Product Overview

Rapid Test vs. Nucleic Acid

Test Results	Colloidal gold	Fluorescence-PCR
Test Time	15 minutes	3-4 hours
Operation Method	Simple without supporting equipment required	Complex with supporting equipment required
Portability	Highly portable and stable test device at room temperature. Testing can be conducted at Point of Care including certified small labs, clinics, or patient bedside.	Requires highly complex equipment only available in large hospitals

SARS-COV-2 Antigen and IgG/IgM Antibody Test Results & Clinic Significance

Test Results			Clinical Consideration
PCR (Ag test)	IgM Ab	IgG Ab	
+	-	-	Patients may be in the "window period" of SARS-COV-2 infection.
+	+	-	Patient may be in the early stage of infection, and the body's immune response first produced the antibody IgM, but no IgG was produced or the IgG content did not reach the detection limit of the diagnostic reagent.
+	-	+	Patients may be in late or recurrent stage of infection.
+	+	+	Patient is in the active phase of infection, but the human body has developed some immunity to SARS-COV-2 (the persistent antibody IgG has been produced).
-	+	-	Patient may be in the acute phase of SARS-COV-2 infection. At this time, nucleic acid test result need to be considered (PCR may be false negative).
-	-	+	Patient may have been infected with SARS-COV-2 in the past, but the patient has been recovered or the virus in body has been cleared.
-	+	+	Patient has recently been infected with SARS-COV-2 and is in the recovery stage. Or the nucleic acid test result is false negative and the patient is in the active infection stage.

Professional Lab Kit Includes:

25 Cassettes • 2 Buffer Tubes



Point of Care Kit Includes:

5 Cassettes • 5 Buffer Tubes • 5 Alcohol Swabs
5 Lancets • 5 Pipettes

► EC Certificate



Shanghai International Holding Corporation GmbH (Europe)

Eiffestrasse 80, 20537 Hamburg Germany

To whom it may concern

Ihre Zeichen
YourRef.

Unsere Zeichen
Our Ref. 02PBJ267

Datum
Date: March 9, 2020

Declaration of Notification

The undersigned, JIN, Liang, General Manager of Shanghai International Holding Corporation GmbH (Europe), hereby declares that:

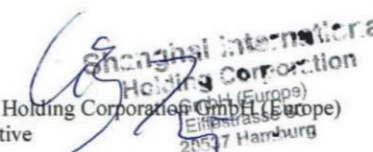
Hangzhou Clongene Biotech Co., Ltd.
No.1 Yichuang Road, Yuhang Sub-district, Yuhang District,
311121 Hangzhou
China

has signed the EC Declaration of Conformity in agreement with the Annex III of the European Directive 98/79/EC on In Vitro Diagnostic Medical Devices and has submitted the required technical documentation, for the following IVD product (for professional use only):

COVID-19 IgG/IgM Rapid Test

The notification to the German Competent Authorities has been carried out on March 9, 2020 by Shanghai International Holding Corporation GmbH (Europe), the appointed Authorized Representative of Hangzhou Clongene Biotech Co., Ltd.

JIN, Liang
General Manager
Shanghai International Holding Corporation GmbH (Europe)
Authorized Representative



Tel.:(49) 40 2513175
Fax.:(49) 40 255726
Mail:
shholding@hotmail.com

Amtsgericht Hamburg
HRB 56 583
Geschäftsführer:
Liang Jin

Finanzamt Hamburg
Steuer-Nr.22/795/00590
Ust-ID-Nr.DE166892350

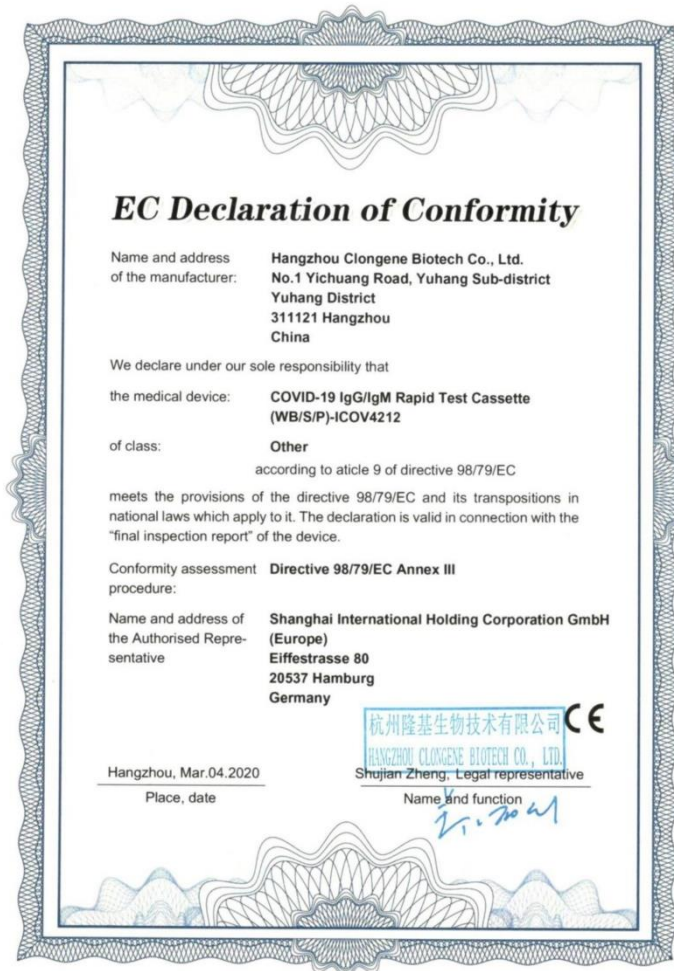
Bankverbindungen
SEB AG Hamburg
BLZ 200 101 11
Konto:1343865200

▶ Product Information

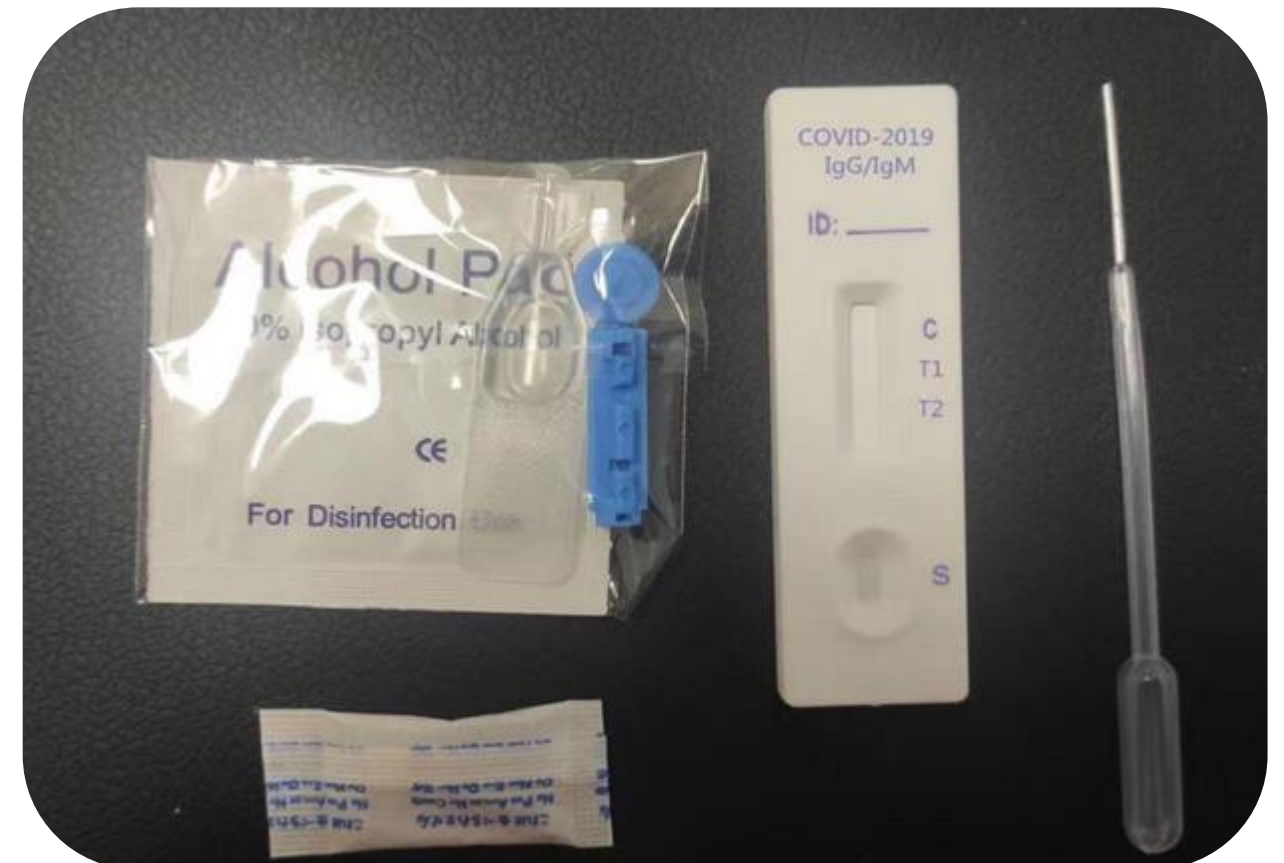
COVID-19 IgM/IgG Rapid Test Cassette (WB/S/P)

Item code: COVIDRT-1

- According to: Directive 98/79/EC, Article 9
- Works with: Finger stick, Whole Blood, Serum, or Plasma
- Package: 25 Test Cassette
- Lead time: TBD
- Certificate: CE



▶ Product Overview



▶ **Product Overview**

Medical Nitrile Examination Gloves

Item code: EG-1

- Standard: PPE
- Package: 50 pairs/box*10 boxes/carton
500pairs/carton
- Dimension: 315*232*210mm
- Weight: 0.98 inch-4.8kg/carton
1.3 inch-6.5kg/carton
- Lead time: 600,000 pcs/day
- Certificate: CE



▶ **Product Overview**

Model: 9 inch S, M, I, XI, XXL
12 inch S, M, I, XI, XXL



Size	XS	S	M	L	XL	Customization
Length	240mm±10	240mm±10	240mm±10	240mm±10	240mm±10	
	300mm±10	300mm±10	300mm±10	300mm±10	300mm±10	
Width	70mm±10	80mm±10	95mm±10	110mm±10	120mm±10	
Weight	3-6Gram					
Package	100pcs/box 10boxes/carton	50pcs/box 20boxes/carton	100pcs/box 20boxes/carton	200pcs/box 10boxes/carton		

▶ **Product Overview**

Medical Protection Goggles

Item code: G-3

- Standard:
- Package: 250pcs/carton
- Dimension: 860*350*480mm
- Weight: 10Kg
- Lead time: 7 days
- Certificate: CE



▶ **Product Overview**

Protection Goggles

Item code: G-1

- Standard: PPE
- Package: 300boxes/carton
- Dimension: 850*330*480mm
- Weight: 17Kg
- Lead time: 7 days
- Certificate: Without CE



Item code: G-2

- Standard: PPE
- Package: 480 boxes/carton
- Dimension: 800*330*550mm
- Weight: 24Kg
- Lead time: 7 days
- Certificate: Without CE



08
PART

PEROXIDE FOGGER



Safe, Eco-friendly, High efficiency

CE >>>

First Generation: Spraying Machine



In the early years, hospital usually spray the disinfectant aerosol in the room. It is easy to attach on the surfaces, easy corrosion and difficult to remove the residues. Its' disinfection effect is not ideal and is harmful to human.

Second Generation: Dry Fogger



In order to protect the human safety, the dry fogger is developed. Its' droplet is smaller. But it is still aerosol/fog in nature.

Third Generation: Vaporized Hydrogen Peroxide (VHPS) Generator



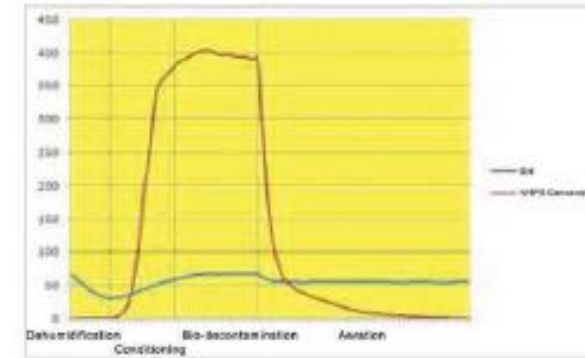
The VHPS generator can vaporize the H_2O_2 to gaseous phase. Which is easier to spread to the dead corner. It is low corrosion and no residue.

Items	VHPS	Dry Fog
Molecular	0.5nm	10um
Principle	Vaporization	High pressure spray
Disinfectant	35% H_2O_2 solution	5% H_2O_2 solution, 50ppm silver ions
Sterilization effect	6-log	4-log
Sterilization Time	Short	Long
Residue Removal	Fast, Easy	Slow, has potential risk
Compatibility	Low corrosion risk	High corrosion risk

+ VHPS® Technology Introduction

VHPS® technology is to vaporize 35% hydrogen peroxide to be gaseous phase, and transporting it into pipeline or spread it directly in space for bio-decontamination. In the vaporization process, the H_2O_2 will generate free hydroxyl which can damage the cellular component (such as lipid, protein and DNA) by oxidation. The VHPS® can kill bacterial, fungi, viruses and other kinds of microorganisms.

It is suitable for air and surfaces sterilization under dry, room temperature and normal pressure/vacuum/positive pressure conditions



Dry VHPS Sterilization Cycle



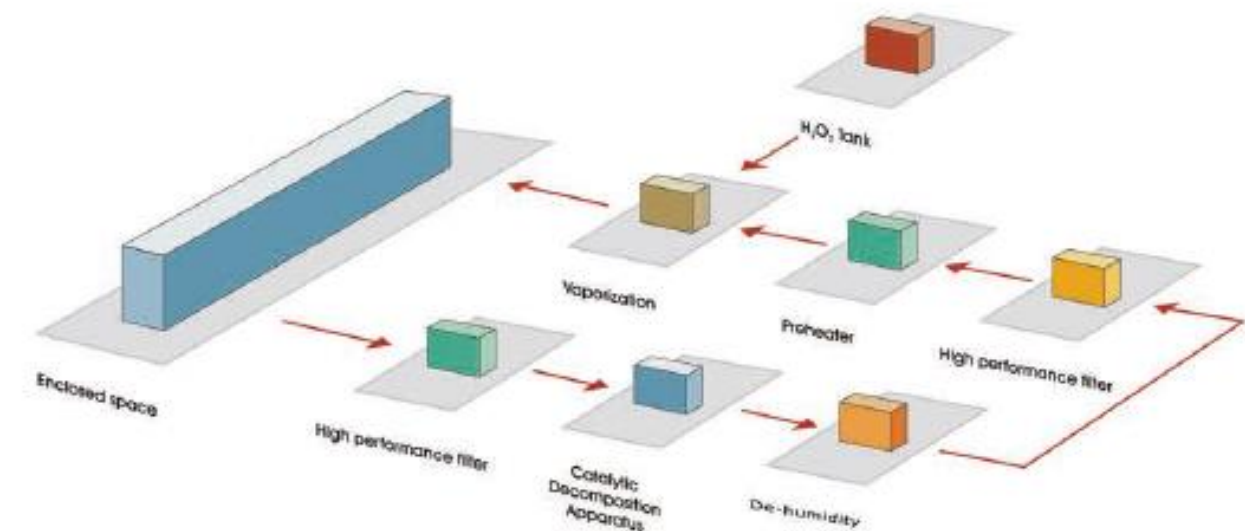
Bacillus Stearotherophilus

+ VHPS Working Principle

VHPS® technology maintains the VHPS under 'condensation point' in the bio-decontamination process. When reaching the expected concentration, it will control the VHPS humidity to avoid the humidity saturation.

The biggest advantage of dry VHPS is it can minimize the impact on materials while achieving the expected decontamination effect.

What's more, it can reduce the residue removal time



Ultra-small VHPS specially designed for sterilizing the ambulance, emergency aircraft/helicopter and mobile laboratories.



To avoid the infection risk, it is automatically controlled which can reduce the involvement of personnel.

On-Board VHPS Generator

The VHPS generator is put in the ambulance, while the control box is put outside.

They are connected by communication cable.

All the everyday operation can be controlled by the control box.



Parameters	
Shell Material : SUS 304#	
Voltage : AC220±22V 50Hz	
Power : <1000W	Injection Speed : 0-6g/min
Sterilant : 35% H ₂ O ₂ solution	Bottle Volume : 100ML
Control Mode: PLC, control box with remote controller	
Weight: Machine:21Kgs; Control Box: 5Kgs	

(L*W*H):224*120*325mm



(L*W*H):320*270*320mm



Features

Programmed



Automatically running as per the pre-set programme

Safety



Reduce the medical staffs' infection risk



VHPS[®] SUPER SD Basic



Technical Parameters

L*W*H: 360*360*970 mm	Net Weight: 45kgs
Sterilization Capacity: ≤200m ³	Power supply: AC220V/50HZ
Injection speed: 1-7g/min.	Air flow rate: 20m ³ /h
Total injection: 1000ml	Max. power consumption: 2KW
Control mode: Remote control	Display: Colorful touch screen
Bio-decontamination : 6-log reduce (Bacillus stearothermophilus)	Sterilant: 35% H ₂ O ₂ (food grade)

Advantages

Broad spectrum sterilization:

It is effective to bacteria (vegetative and spores, viruses and fungi).
 The VHPS technology could apparently low the spread possibility of hospital bacteria. It could quickly kill the common hospital bacteria such as MRSA, VRE, KPN, Clostridium Botulinum spores, Serratia marcescens, C-diff, M.tuberculosis, Rotavirus and Influenza A virus etc.

High efficiency:

6-log reduction rate against Bacillus stearothermophilus (ATCC#7953)

Eco-friendly:

No toxicant residues, it is decomposed to H₂O and O₂ finally.

Safety:

It is compatible with most of the materials.

Convenient:

It is equipped with touch screen which is easy to use.

Low usage cost:

It is economical sterilization technology.

Services:

We provide validation service, training service and SAT service.

Applications

It could sterilize these space and equipments in hospital: ICU, Negative pressure isolation rooms, infectious ward, Virus and bacterial labs, Surgery, Ambulance, Pathology Dept., Laboratories and Supply Dept. The VHPS Generator could be for emergency use, when the hospital is contaminated or the remained viruses and bacteria will bring risks to the new patients.



P3 Lab in Sierra Leone

How to use

Put the VHPS Generator in the relevant area which needed sterilization;

Seal the room or ambulance;

Wire up and start the VHPS Generator;

Setup the parameters on the remote touch screen and start sterilization;

Remove the residuals by ventilation or naturally and make sure the concentration is less than 1ppm.



09
PART

HAND SANITIZERS



FDA & CE >>>

CLEACE INTRODUCTION TO
KILLING PRODUCTS

75% Instant Hand Sanitizer

Family offer

CLEACE 75% alcohol instant hand sanitizer kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



500ml*24pcs/ctn



500ml*24pcs/ctn



500ml*24pcs/ctn

CLEACE INTRODUCTION TO
KILLING PRODUCTS

75% Instant Hand Sanitizer Utility Series

CLEACE 75% alcohol instant hand sanitizer kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



1L*15pcs/ctn



1.18L*10pcs/ctn



1.5L*10pcs/ctn



5L*3pcs/ctn



75%

INSTANT HAND SANITIZER

CLEACE Instant Hand Sanitizer kills 99.9% germs and leaves your hands clean without using water. Use anywhere, anytime: car, office, handbag, picnics, nappy change, comping, travel, sports etc.

CLEACE INTRODUCTION TO
KILLING PRODUCTS

75% Instant Hand Sanitizer **Small Portable**

CLEACE 75% alcohol instant hand sanitizer kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



29ml*36pcs/case
8 cases/ctn



60ml*24pcs/case
8 cases/ctn



100ml*20pcs/case
6 cases/ctn



236ml*24pcs/ctn

CLEACE INTRODUCTION TO
KILLING PRODUCTS

84 Bleach Series

CLEACE 75% alcohol disinfectant liquid kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



BL500JYN
500g*12pcs/ctn



BL1000JYN
1kg*15pcs/ctn



BL5000JYN
5kg*3pcs/ctn



BL20kgJYN
20kg/bottle

CLEACE INTRODUCTION TO
KILLING PRODUCTS

75% Alcohol Disinfection Spray **Family Series**

CLEACE 75% alcohol disinfectant Spray kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



100ml*40pcs/ctn



280ml*24pcs/ctn



500ml*24pcs/ctn

CLEACE INTRODUCTION TO
KILLING PRODUCTS

75% Alcohol Disinfection Liquid Utility Series

CLEACE 75% alcohol disinfectant liquid kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



5L*3pcs/ctn

10L/bottle

20L/bottle

CLEACE INTRODUCTION TO
KILLING PRODUCTS

Hand Washing Liquid

CLEACE 75% alcohol disinfectant liquid kills 99.99% germs. Effectively kills Staphylococcus aureus, E. coli, Candida albicans, etc.



500ml*24pcs/ctn



500ml*24pcs/ctn



1.18L*10pcs/ctn



1.5L*10pcs/ctn