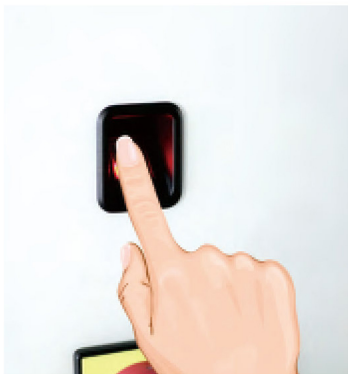


# Chanca-Washer

## Fully Automatic Washer disinfector

Chanca Series Fully Automatic Washer Machine & Consumables

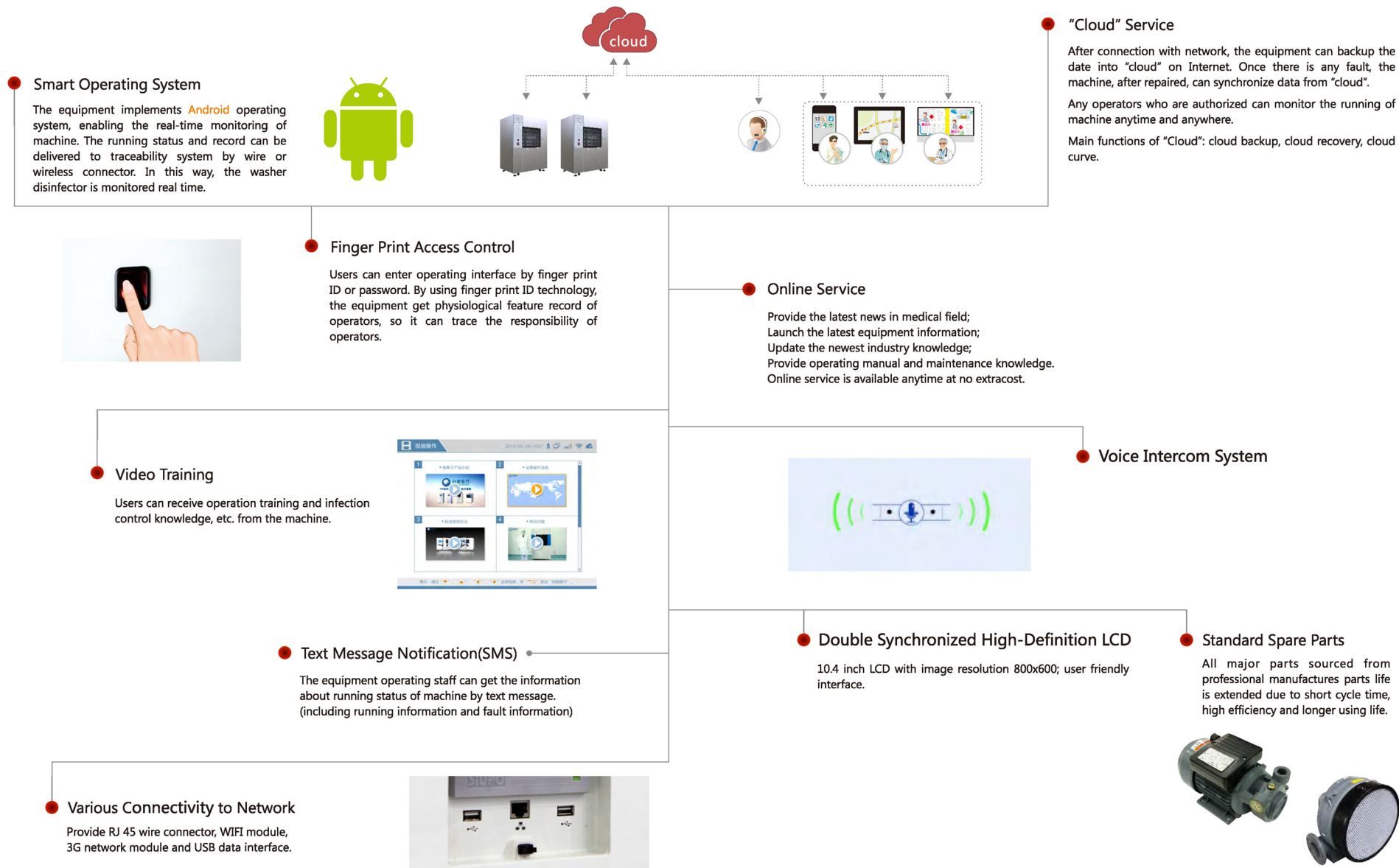


## Advantages

Android Operating System  
Fingerprint Access Control  
Voice Intercom  
Infection Control Knowledge  
Video Training  
Cloud Backup  
Cloud Recovery  
User Manual  
Industrial News

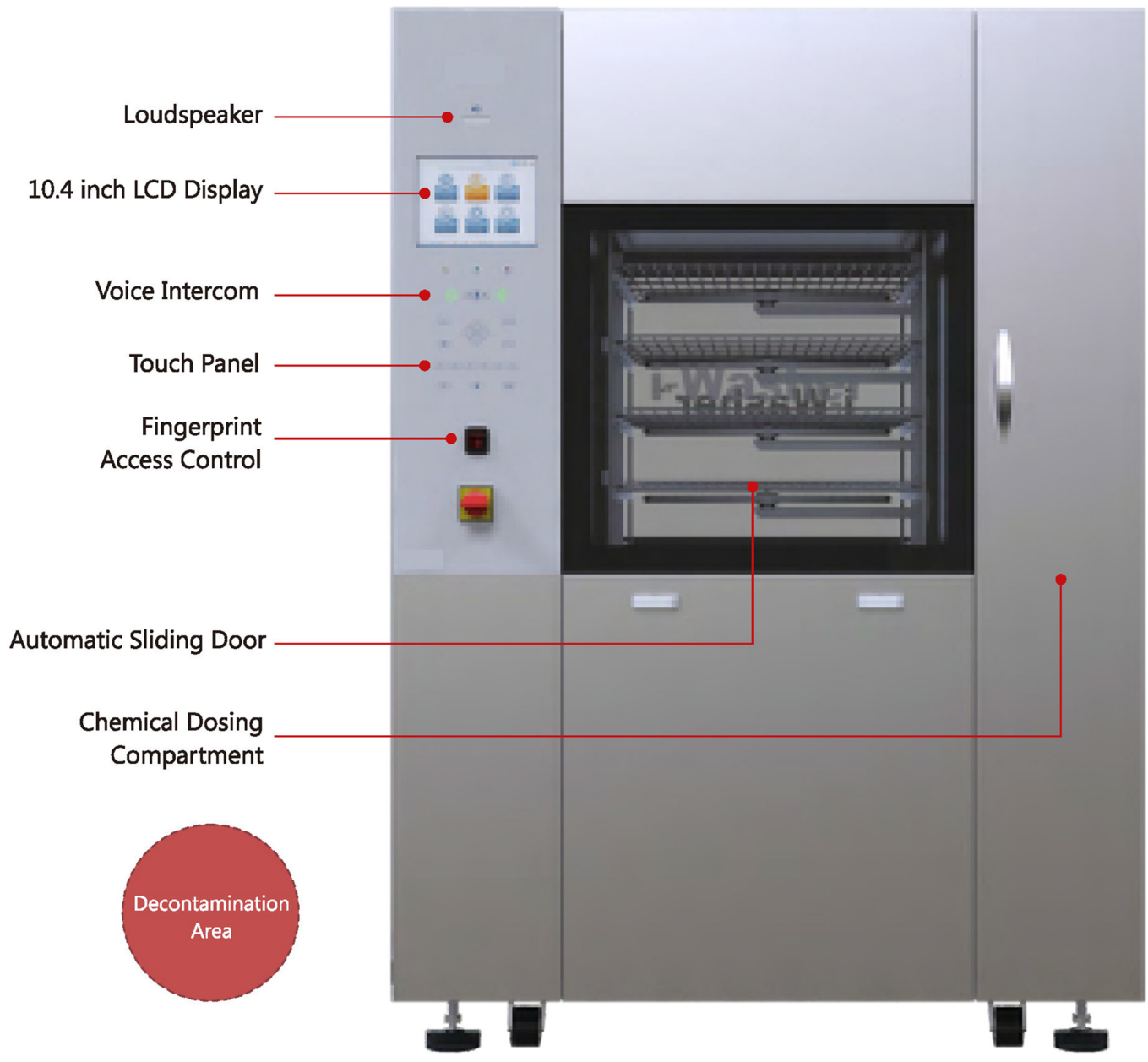
- The first manufacturer in the world to implement Android operating system to washer machine, which indicates that infection control equipment break into informational and intelligent age.
- The first manufacturer in the world to apply fingerprint access control to washer machine, which is easier and faster for operators to enter the interface, and enhance the traceability.
- The first washer machine in the world to be equipped with cloud service enabling the real-time monitoring anytime and anywhere.
- The first washer machine in the world to have the function of text message notification(SMS), informs the operator of running status, the cycle end, equipment faults and maintenance, etc.
- The first and only one in the world to play training video, online update of industrial news, infection control knowledge, and user manual.
- The first washer machine in the world with the function of voice intercom enabling real-time communication between decontamination area and clean area, which provides an easy way to communicate for CSSD staff.

# Chanca-Washer



# Fully Automatic Washer Disinfector

Chanca500/550



Loudspeaker

10.4 inch LCD Display

Voice Intercom

Touch Panel

Fingerprint Access Control

Automatic Sliding Door

Chemical Dosing Compartment



Android System



"Cloud"



Fingerprint Access control



Video Training



Text Message Notification



Voice Intercom



Synchronized Double-screen



Shorter Cycle Time



Cost Saving

## Chanca500/550 Product Features



Checking, Packaging & Sterilization Area



Excel Sheet Cycle Data



Touch Panel



Matrix Printer



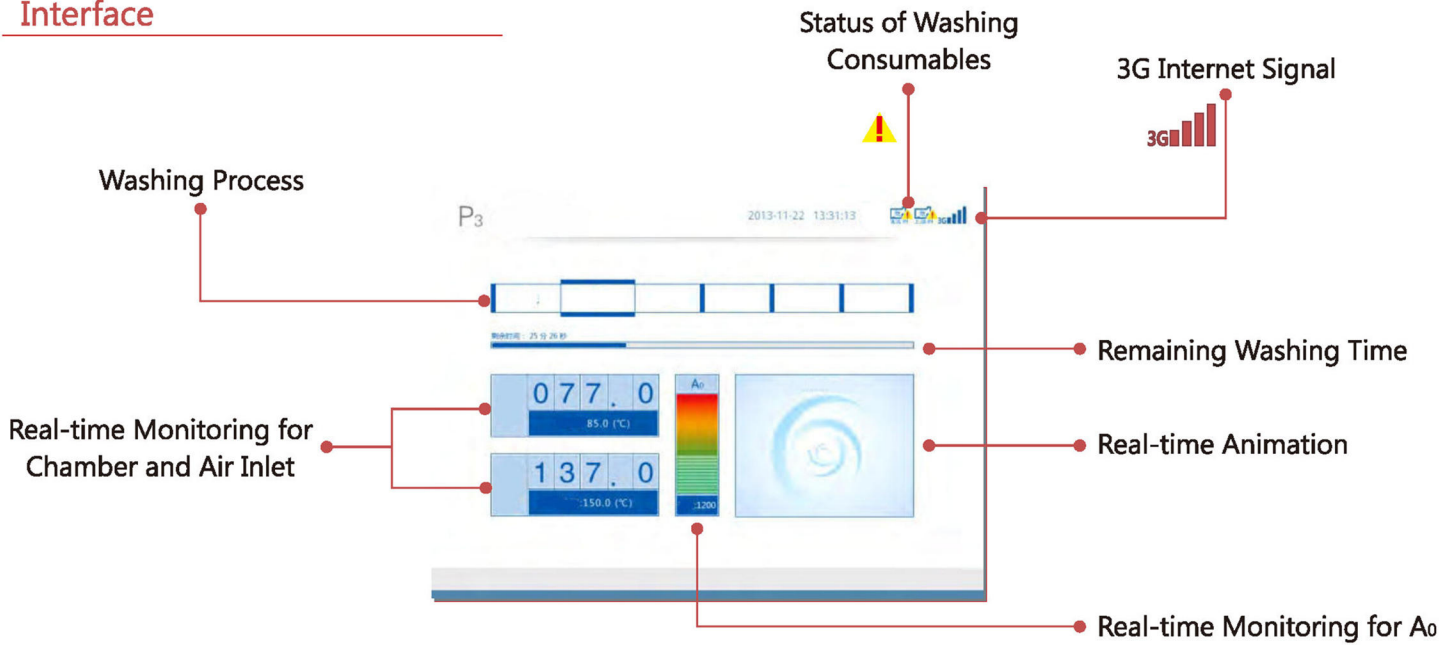
Circulating Pump(USA made)



Blower(Taiwan made)

## Features Chanca500/550

### Interface



### CDC( Centre for Disease Control ) Test

#### Washing Effect

Chanca550 washer disinfector by washing common surgical instruments, dental drill, anesthesia & breathing tubes, humidification bottles, and baby feeding bottle. The result of absorbance values of residual protein pollutant is less than 0.020, and approval rate is 100%

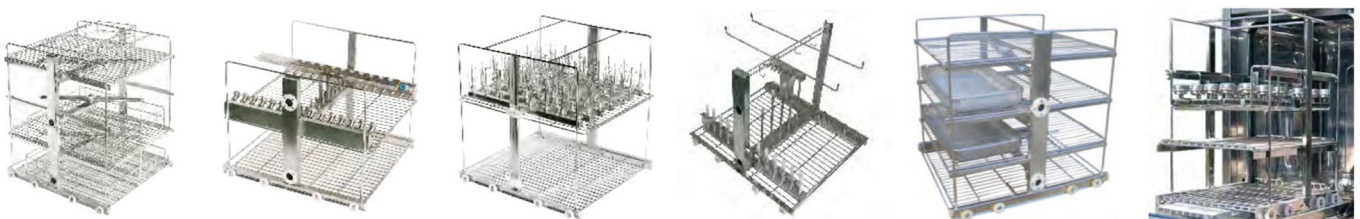
#### Disinfection Programme

Chanca550 washer disinfector according to sterilization technical standards and programmes, including low temperature disinfection, high temperature disinfection and chemical, are approved.

### Technical Specifications

Model	Power Supply	Temperature of Heat Sterilization	Capacity	Water Consumption /Cycle	Preset Programmes	Overall Dimension	Power
Chanca500	AC380V 60Hz	0 ~ 98°C	500L	30L	6	1870 × 1340 × 1026(mm)	35Kw
Chanca550	AC380V 60Hz	0 ~ 98°C	550L	30L	6	1870 × 1340 × 1026(mm)	35Kw

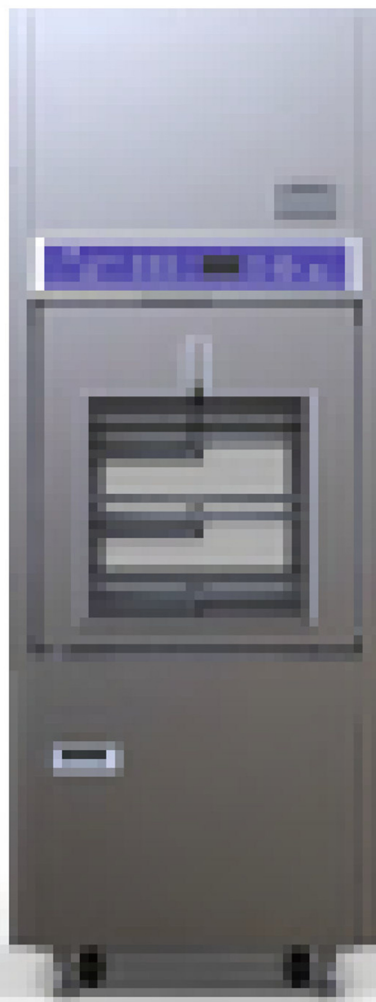
### Racks for Full Automatic Washer Machine



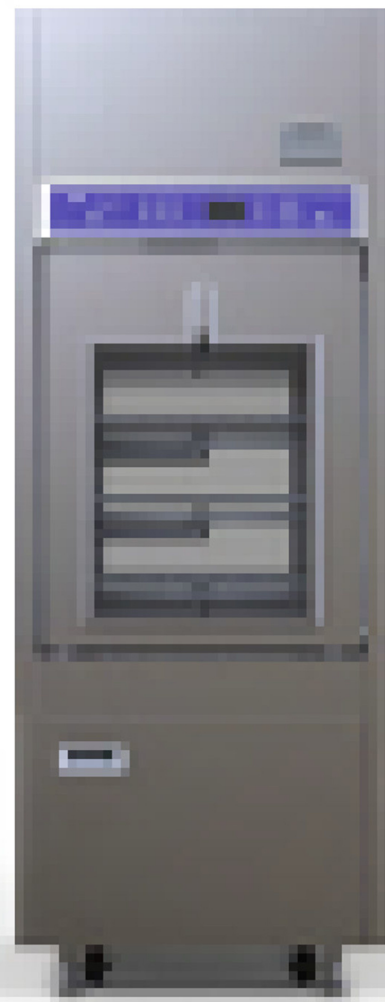
- Racks for surgical instruments
- Racks for rigid endoscope
- Racks for humidification bottles
- Racks for anesthesia & breathing tubes
- Standard Rack
- Racks for dental drill

# Fully Automatic Washer Disinfector

Chanca320/360



Chanca320



Chanca360



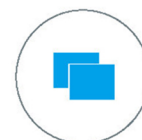
High Efficiency



Small Footprint



Large Capacity



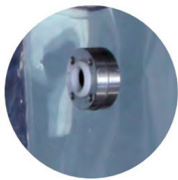
Synchronized  
Double-screen

Features Chanca320/360

0.5m<sup>2</sup>

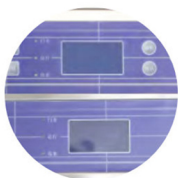
**Small Footprint**

The footprint is 0.5m<sup>2</sup>, which is suitable for compact environment, such as operation room and CSSD.



**Better Washing & Disinfection Result**

The equipment is applied with high-speed elastic connector, which can reduce water pressure loss and improve the washing effect.



**Synchronized Double-screen**

Double 4 inch LCD synchronized display is convenient for operators in 2 areas. In decontamination area, operator can run the machine, and meantime, operators in clean area can monitor the running status of machine and get the printed record.

1.4x

**Large Capacity**

Instruments basket with dimension 485mm\*285mm\*60mm is 1.4times bigger than standard basket

15L

**High Efficiency**

15L water for each cycle; 30-50ml washing enzyme and 20-30ml oil for each cycle.



**Matrix Printer**

The printed record can be kept for over 3 years with the technology of collagen printer



**Standard Spare Parts**

Standard spare parts and pump of European origin.





## CDC ( Centre for Disease Control) Test

### Washing Effect

CDC test Chanca320/360 washer disinfector by washing common surgical instruments, dental drill, anesthesia & breathing tubes, humidification bottles, and baby feeding bottle. The result of absorbance values of residual protein pollutant is less than 0.020, and approval rate is 100%

### Disinfection Programme

washer disinfector according to sterilization technical standards and programmes, including low temperature disinfection, high temperature disinfection and chemical, are approved.

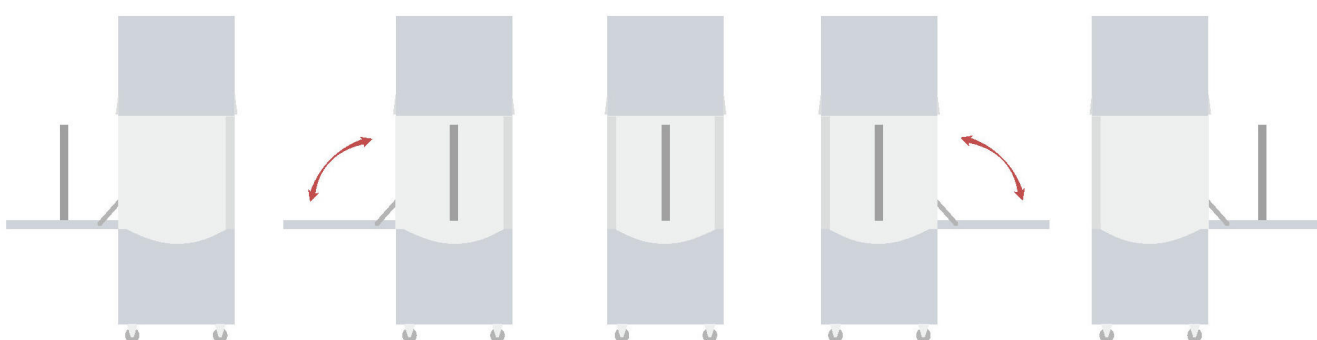
## Certificates & Patents

- Patent of high-speed elastic connector
- Patent of water cooling and drying device for washer disinfector
- Patent of washer disinfector with traceability
- Certificates of ISO13485, ISO9001, and CE, etc.

## Technical Specifications

Model	Power Supply	Temperature of Heat Sterilization	Capacity	Water Consumption /Cycle	Preset Programmes	Overall Dimension	Basket	Power
Chanca360	AC380V 60Hz	20 ~ 98°C	360L	15L	6	1865 × 700 × 700(mm)	10	17Kw
Chanca360	AC380V 60Hz	20 ~ 98°C	320L	15L	6	1860 × 700 × 700(mm)	8	17Kw

## Operation Instructions



1 Load items in decontamination area

2 Close front door in decontamination area

3 Washing and disinfecting

4 Open back door in clean area

5 Unload items in clean area

# Fully Automatic Washer Disinfector

## Chanca200



### Product Features

- Humanized control system and easy operation;
- Single door, small footprint;
- Shorter cycle time and higher efficiency.

### Range of Application

Surgical instruments, dental equipment, and endoscopy, etc.

### Larger Capacity

Instruments from 2 operation and 24 dental drills

# Full Automatic Washer&Disinfector

## Chanca60(Benchtop)



### Product Features

- Benchtop; Space-saving
- Small Size and it can be easily moved
- Shorter cycle time and higher efficiency

### Range of Application

Surgical instruments, dental equipment, and endoscopy, etc.

### Capacity

Instruments from 1 operation and 12 dental drills



### Technical Specifications

Model	Power Supply	Capacity	Preset Programmes	Overall Dimension
Chanca60	AC 220V-240V, 60Hz	60L	P1:Standard Washing(28min)、 P2:Quick Washing(11min)	570 × 470 × 500(mm)

## Washing Consumables



### Neutral multi-enzyme detergent

- Brand new efficient formula, containing multiple biological enzymes.
- Excellent wettability and permeability, it can decompose human excrement such as dried blood, fat, mucous, polysaccharide carbohydrates.
- Non-corrosiveness, no undesirable effect to products made of metal, plastic, glass rubber, etc.
- Low foaming; easy clean; environmental friendly.



### Instrument quick-drying lubricant

- Concentrated formula; protection film developed by this lubricant can be penetrated by sterilizing factor, taking no effect to sterilization.
- Used to lubricant and protect the cleaned medical equipment against rust. Develop protection film on the equipment surface to reduce corrosion.
- Lubricant the joints of equipment effectively which can make the medical equipment more maneuverable.
- Anti-corrosion; extend the service life of the equipment.
- Low-foaming, no residual spots and water stain and maintain the brightness of the equipment.
- Non-toxic and non-irritating with mild nature; environmental friendly.



### Rust remover

- Remove the rust and stain quickly on the medical equipment formed by multiple reasons.
- High active ingredient content and one-time compound dose can be used for a few times.
- Maintain colorless and transparent during derusting process; convenient to observe rust removing effect.
- Good adaptability to water quality; Easy cleaning, no residual.



### Efficient reverse osmosis antiscalant/dispersant

- Compatible with organic flocculants and ST flocculants.
- Apply to the main membrane modules of reverse osmosis, nanofiltration and ultrafiltration.
- Effectively control the scale formation of inorganic substance such as calcium carbonate, calcium sulfate and barium sulfate ;form no scale even when the Langelier saturation index(LSI) reach 3.0.
- Have enough dispersing capacity to disperse the obstructive particulate on the membrane surface.
- Excellent Solubility and stability.
- Compatible with aluminum and iron of the influent water.
- The antiscalant is effective when the PH value of the influent value ranges from 5 to 9.

## Washing Consumables

### Multi-enzyme humectant



- Specialized moisturizing formula; effectively avoid the pollutants from drying and improve the cleaning effect.
- Strong long-lasting foam effectively lock the pollutants, without overflowing; reduce the harm and pollution to staff and the environment.
- With multi-enzyme activity, the humectant can dissolve pollutants such as blood, fat, protein and organic mucosa.
- The PH value is neutral. No corrosivity.
- Safe for instrument, equipment and parts made of rubber, plastic, stainless steel, carbon steel and soft metal.
- Non-toxic; 100% biodegradation; environmental friendly.
- No need to dilute.

### OPA Disinfectant



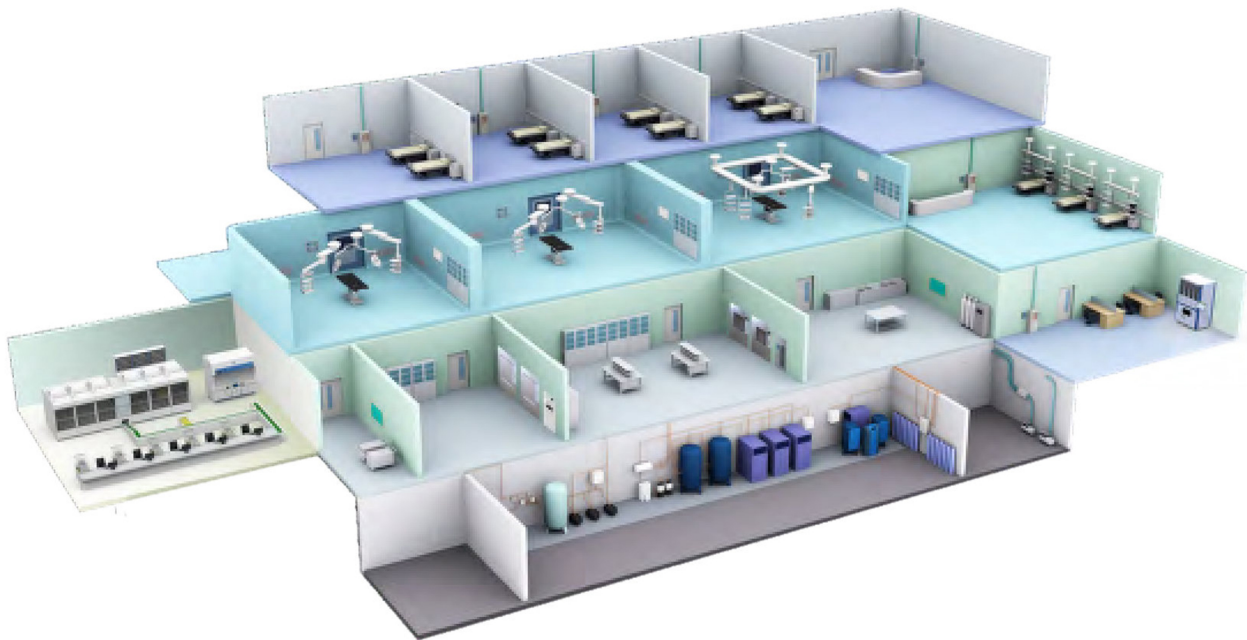
- OPA (Ortho-phthalaldehyde) disinfectant is a new type and high efficient disinfectant. It overcome the volatility and high irritation of high toxicity of traditional glutaraldehyde. It has broad spectrum and high efficient, safe and stable and is regarded as the comprehensive substitute of glutaraldehyde disinfectant.
- It five minute, the disinfectant can kill gut bacteria, pyogenic coccus, mycobacteria, pathogenic yeasts, bacteria spores, which is twenty times efficient than that of the traditional aldehydes.
- No need to dilute, no need to activate.
- Stable physical property and chemical property. A bucket can be used for 14 days maximum.
- Strong resistance to acid, alkaline and organics.
- No corrosion to products made of stainless steel, carbon steel, copper, aluminum.
- Non-toxic substance; no volatility; no stimulus; non carcinogenic, teratogenic and variant substances.

### Hyamine disinfectant



- Broad-spectrum anti-virus: the disinfectant can kill gut bacteria, pyogenic coccus, pathogenic yeasts and other commonly seen bacteria.
- Security: Non-toxic substance; The applied solution after dilution is stable with no stimulus, no volatility, no poisonous residue.
- Stability: resistant to light, high and low temperature; high solubility; stable chemical property; long-term storage.
- Used by a hundred dilution, low bactericidal concentration; rapid and strong effect; convenient to use.

# Suppliers for Life Support System Solutions



**Chanca-Or**

**Operation Room Laminar Flow Project**

**Chanca-CssD**

**Digital Hospital Central Sterile Supply Department**

**Chanca-Gas**

**Medical Gas Supply System**

**Chanca-Pharm**

**Intelligent Pharmacy Dispenser for Out-patient & In-patient Departments**

**Chanca-Train**

**Hospital Pneumatic Tube Transportation System**