



Medical Product Catalogue

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Medical Product Overview

PPE



Orthopaedic Prosthesis



Pathology Testing Equipment and Kits



Medical Equipment



Critical Care Consumables



Equinox and WEGO are partnering across the full Medical Device Range

- WEGO is the principle manufacturer for Equinox
- WEGO has a comprehensive medical implant range; Trauma, Spine, Hip and Knee & Dental
- Equinox have rights to their consumable products, as well as a full range of theatre products and imaging systems



A grayscale photograph of a surgical team in an operating room, wearing masks and scrubs, focused on a procedure. The image is semi-transparent, serving as a background for the text.

EQUINOX

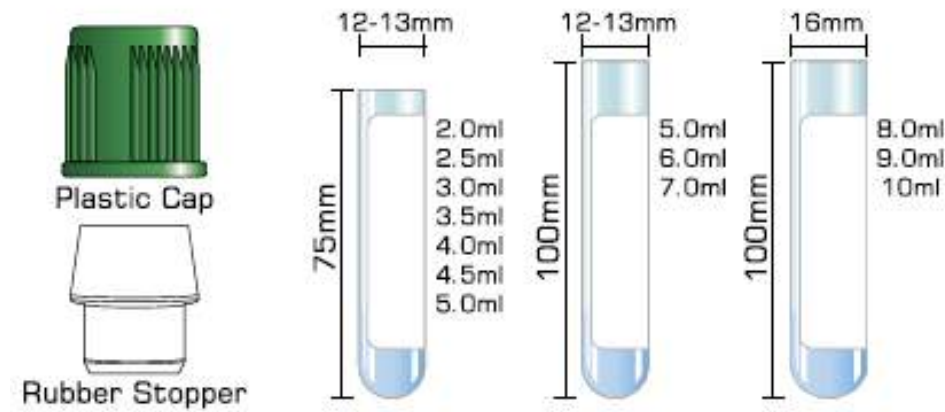
Critical Care Consumables

WEGO Vacuum Blood Tube Series brings low cost, without quality compromise



Vacuum blood collection tubes feature:

- Compatibility with gold standard pathology centrifuges machines
- Shipped with additives dependant on application
- Colour co-ordinated
- High quality single use materials
- vacuum blood collection tube has include sharp blood collection needles and deginated holder.



SERUM	PLASMA	COAGULATION	SERUM SEPARATOR	ESR	WHOLE BLOOD	BLOOD GLUCOSE
PLAIN	HEPARIN	SODIUM CITRATE 1:9	GEL	SODIUM CITRATE 1:4	EDTA	FLUORIDE

*Heparin Plasma tube pictured



WEGO Syringe Series bring low cost, without the quality compromise

- The disposable syringe one of WEGO's most accomplished product lines, manufactured since its foundation in 1992.
- WEGO has over 120 sets of injection moulding machines, 15 sets of full-automation assembling machine, 20 Sets of cube ethylene oxide sterilization containers for syringe production lines
- Syringe series includes; common syringe, safety syringe, auto-disable syringe (AD), pump syringe, polycarbonate colourful syringe (PC) and insulin syringe.
- All kinds of needles are provided across the range
- WEGO is committed to delivering a quality service and supply of disposable syringe products.
- Current markets include; USA, EU, Russia, South Africa, Brazil, Turkey, India and over 65 other countries.



A grayscale photograph of a surgical team in an operating room, wearing masks and scrubs, performing a procedure. The image is semi-transparent, serving as a background for the text.

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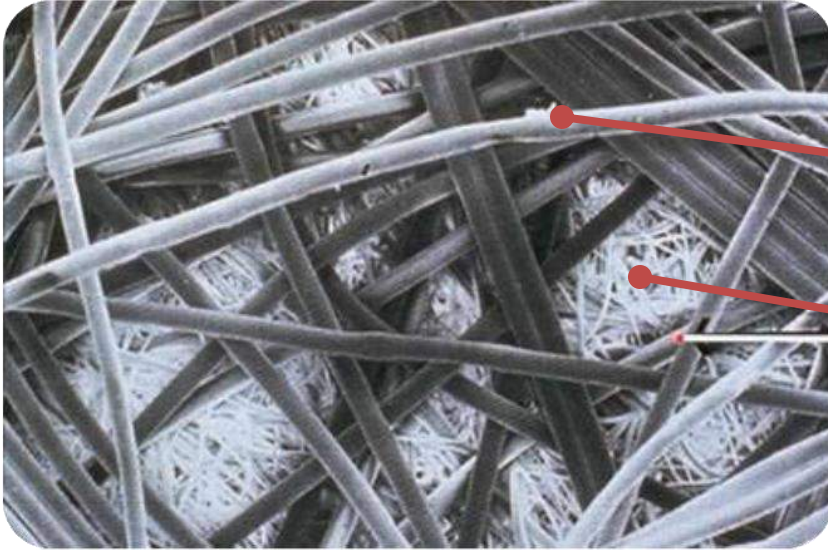
Personal Protective Equipment (PPE)

SARS-CoV-2 – Personal Protection Equipment (PPE)

1. Surgical Masks
2. Surgical Gowns
3. Isolation Gowns
4. Protective Clothing



Enhanced liquid control and biological barrier function



Spun-bonded layer: providing enhanced strength

Melt blown layer: providing liquid control and a bacterial barrier



Fabric Design developed for SARS-CoV-2 control

Weigao Group (WEGO) is a national emergency response supplier assisting the government with protective suit development for SARS-CoV-2

WEGO procurement of fabric, trims, seal tape and zipper are in accordance with national and international standards. **Chinese Standard: GB19082-2009, European standard: EN14126- up to Level 4** (liquid barrier performance level II or above)

The protective suit is made of PP spunbond non-woven fabric laminated with PE film.

The raw material is high in strength, soft in touch, skin-friendly, comfortable to wear, and strong in antistatic performance.

It has a good anti-infiltration performance, high filtering efficiency, surface moisture resistance, strength and air permeability, which allows it to effectively to wet, reducing the chance of bacterial adhesion.



Antibacterial



Anti-static



Soft



Waterproof



Breathable



Materials:

- Polypropylene spunbonded
- PE film coated nonwovens
- Content: 100% Polyester

CE certification on ETO sterilization for medical devices

WEGO has fully adopted company-wide ETO (ethylene oxide) sterilization processes, unique for manufacturers in China

ETO sterilization:

- Kills all microorganisms, including spores, bacteria & viruses
- Does not corrode plastics, metals or rubber, and does not cause items to turn yellow and brittle
- Improves manufacturing efficiency, allowing for wrapping and packaging to occur together.
- Allows for maintenance of long term sterilization and product use.
- Allows the sterilization of items with irregular shapes and complex structures





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PPE

Level 2 and Level 3 Surgical Mask

Surgical Mask - Indication

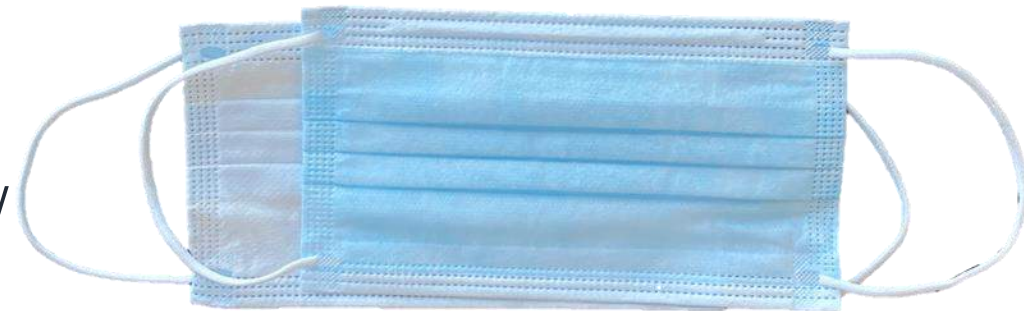
Indication:

Designed to be worn by clinical medical staff during the invasive operation.

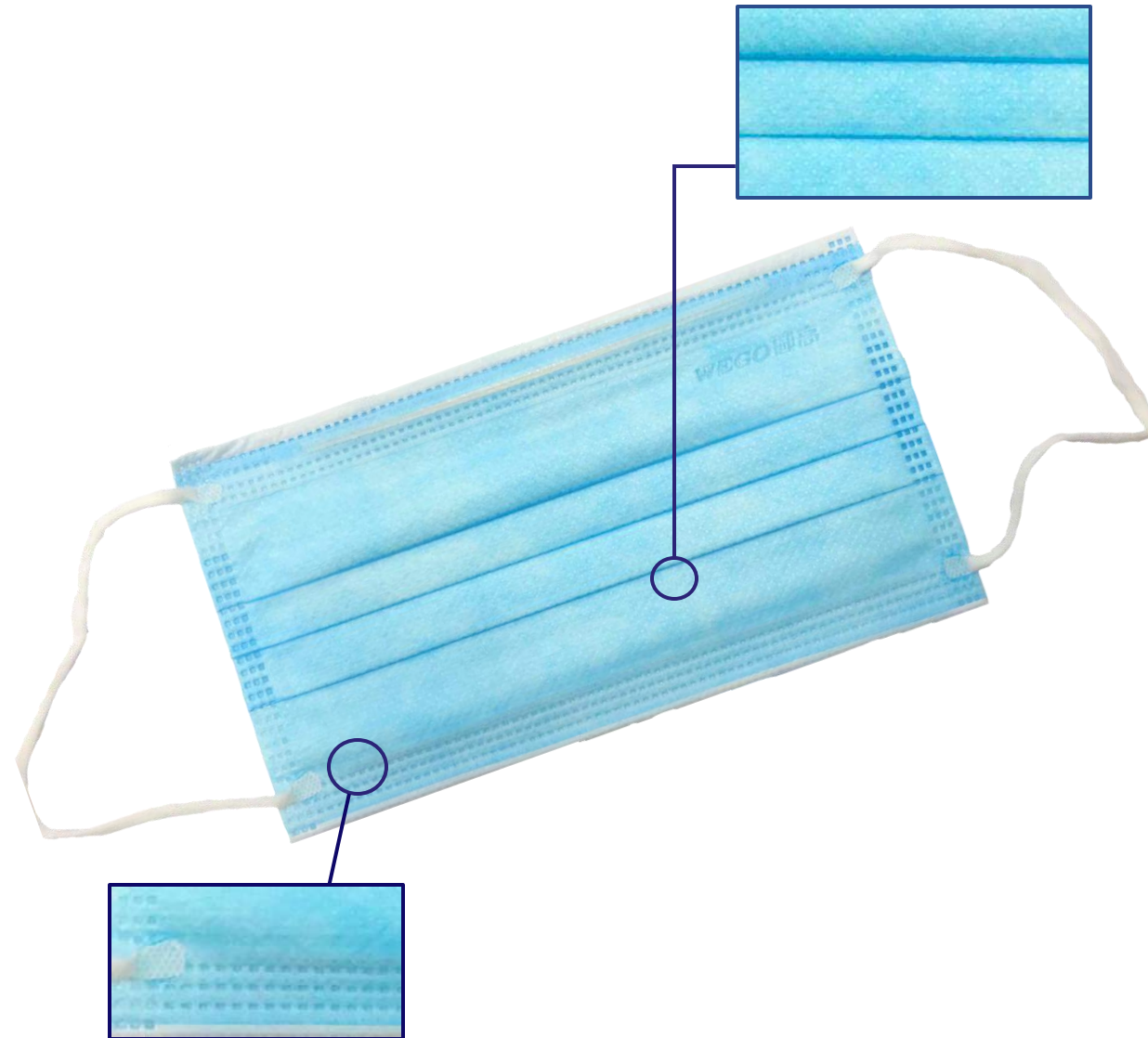
Covering the mouth, nose and jaw of user, the mask provides a physical barrier, preventing the transmission of pathogens, microorganisms, body fluids and particles.

Characteristics:

- The non-woven fabric utilizes medical grade materials, which effectively prevent the inhalation of bacteria and dust.
- The nose clip can be freely adjusted to ensure a close fit, ensuring a tight seal.
- The chin design contours the face, ensures a secure fit, and improves wearing comfort. The mask is hypoallergenic, effectively blocks dust and microorganisms and can be worn comfortably for long periods.



Surgical Mask - Structural Composition



Structural composition:

- The utility model is composed of a mask body, a nose clip and a mask belt.
- The mask body consists of a three-layer structure.
- The bottom layer and surface layer are made of spun-blown non-woven fabric.
- Spun-blown fabrics tend to have wide (but controllable) fiber size distribution thanks to the multi-row design of the spinnerette.
- Sub micron fibers are naturally co-mingled with big microfibers which would result in strong and high efficiency filter media with higher particle-holding capacity at low pressure drop.
- The middle layer is made of melt-blown non-woven fabric

Surgical Mask - Sizing

Available sizes

Divided into WGP-a and WGP-b according to the strap design

WGP indicates that the mask is a flat design.

A Type - Is a mask with ear-based affixation.

B Type – represents the strap-type mask.

Adult and child masks are available.



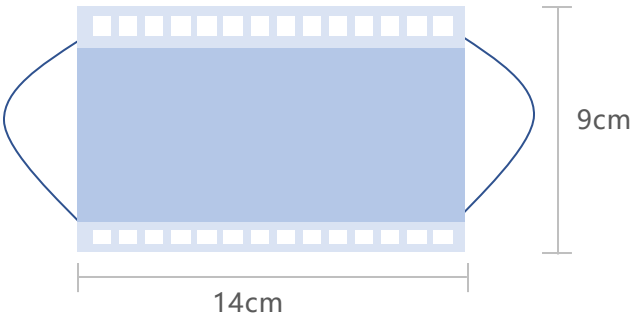
Surgical Mask - Paediatric Patterned Masks



Patterned Child Mask



Standard Child Mask : T/GDMDMA 0005-2020



Greater range available: swatches available upon request

A grayscale background image showing a surgical team in an operating room. Several surgeons wearing masks and caps are focused on a procedure. The image is semi-transparent, allowing the text to be overlaid clearly.

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Sterile AAMI Level 3 Surgical Gowns

Surgical Gown (Indication)

Indication:

- Disposable sterile gowns for use by all medical personnel in the operating theatre
- Conforms to EU performance standard (EN13795), AAMI AATCC 42 & 127 and ROW standard (YY/T0506)

Use:

1. Clothing to be worn by surgeons and other medical personnel during the procedure in the operating room
2. The clothing will protect both the patient and the medical staff from cross contamination whilst in the operating room



Surgical Gown - Characteristics

Structural composition:

- The surgical gown is sewn by ultrasonic technology, without pinholes, to help assure its bacterial and water resistance.
- Threaded cuffs provide enhanced comfort for the wearer in addition to preventing slip of the sleeve over the surgeon's gloves.
- **Hanging card:** Nurses do not need to hold objects in the operating rooms, reducing the risk of infection transmission.



Continuous Improvement Development

Additional Features :

WEGO is in production of new gowns which will have the following features :-

- Huck towels either as 2 paper towels (see image) or 1 cotton towel
- Improved labelling
- Enclosed sterile wrap





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Levels 1, 2, 3 & 4 Isolation Gowns

Disposable Isolation Gowns – Indication and Use

Indication:

- Disposable isolation gowns for use by all medical personnel during procedures anticipating contact with bodily fluids, secretions, excretions and other infectious materials.
- Conforms to EU performance standard (EN13795) and ROW standard (YY/T0506).

Use:

1. Clothing to be worn by surgeons and other healthcare personnel during patient isolation situations.
2. The clothing will protect both the patient and the medical staff from transfer of bodily fluids, microorganisms and particulate material whilst exposed.



Isolation Gown - Characteristics

Structural composition:

- The isolation gown is produced using non-woven material, offering increased protection from liquid penetration.
- The isolation gown is latex free, with belt and neck ties ensuring a secure fit.
- Isolation gowns will be fitted with **thumb hooks** as shown in the adjacent image. This ensures no skin exposure when wearing gloves.





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Protective Clothing

Standard: EN14126- Type 3

Protective Clothing - Characteristics

Characteristics:

- Conforms with the national standard EN14126 "medical disposable protective clothing technical requirements".
- Bacterial resistance, anti-static, effective barrier from liquids and particulate matter.
- Soft, light, breathable and comfortable to wear.
- Stitching and zipper areas are sealed with rubber and glue, helping to prevent the invasion of bacteria and viruses.
- The outer layer has a smooth surface which is not easy to wet, reducing the chance of bacterial adhesion.



Protective Clothing - Characteristics

Needle stitching:

- Bonding and heat-sealing processes are applied to the connection part of the protective suit.
- The holes of the stitches are sealed. The stitch pitch should be 8 to 14 stitches per 3 cm. The stitches are aligned and properly spaced.
- Bonded or hot-sealed parts shall be flat and sealed without air bubbles.

Zippers of the protective clothing should not be exposed, and the zipper puller should be self-locking.

The structure of the protective suit ensures conformity, with ease of removal.

The protective suit is in a unified structure, with tight seals, integrating the hooded top and pants.



Protective clothing - Indication & Use

Indication:

- Provision of a protective barrier, for clinical staff at risk of exposure to potentially infectious patients due to exposure to blood, body fluids and secretions.
- **Standard: EN14126 and GB 19082-2009**

Structural composition:

- Made of a breathable film, nonwoven membrane material.
- The suit consists of a joined and sealed hooded top, pants and an optional foot cover.
- Cuffs, ankles, and foot vents exhibit elastic closings, as do the hat, facial and waist closings.

Use:

1. For protection when interacting with patients with infectious diseases such as those with multidrug-resistant bacteria and viruses.
2. For protection when caring for and interacting with patients in protective isolation.
3. For protection against splashes from the patient's blood, body fluids, secretions and excrement.
4. Whether or not to wear isolation clothing when entering the key wards shall be determined from a combination of internal regulations and on the purpose of the entering medical personnel in close proximity to the patients.

Protective Clothing - Features

Two-piece Hooded Design:

A two-piece hooded, three-dimensional cut and elastic band around the face opening, allows for optimized fitting to the face, improving overall protection.



Two-piece
Hooded Design

Seam sealed tape workmanship:

All seams are sealed with tape and with an internal elastic band, applied to the waist.

This enhances the seam protection and the overall fit of the suit.



Seam sealed tape
workmanship



Protective Clothing - Sizing

Types of suit include:

A-Type (with foot cover) and
B-Type (without foot cover)

The sizes available are:

S, M, L, XL, XXL, XXXL



A type: gown type

B type: separate clothing without cap

C-1 type: one-piece type with cap and foot cover

C-2 type: one-piece type with cap and without foot cover

C-3 type: one-piece type without cap and with foot cover

C-4 type: one-piece type without cap and foot cover

SPECIFICATIONS

UNIT: CM

SIZE	HEIGHT	BUST	SLEEVE LENGTH	CUFF	HEM
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
200	200			18	24
DEVIATION	± 2	± 2	± 2	± 2	± 2

A grayscale background image showing several surgeons in an operating room, wearing masks and scrubs, focused on a surgical procedure.

EQUINOX

About Equinox and WEGO

WEGO group leads the premium medical device sector in China

The Weigao Group was established in 1988, and has since become one of the top medical device manufacturers in China.

Total workforce of 23,000, and 100,000 hectares of manufacturing facilities, based in Weihai, Shandong Province.

Dedicated staff of 10,000 involved in the production and sales of branded disposable medical devices.



Dominant local providers, emergent international players

- WEGO products have been registered in over 60 countries, with major launches in 2017 in the US, 2018 in Europe.
- WEGO is dedicated to innovation and reinvests almost 10% of all profits into R&D driving global growth.
- EQUINOX launched the WEGO brand in Australia and New Zealand in 2019, introducing high-quality orthopaedic devices for trauma and spinal surgery.
- EQUINOX is the exclusive distribution partner and is driving the expansion of the WEGO offering to encompass its full product offering.

Manufacturing Excellence - ISO & FDA Compliant Facilities

WEGO has state-of-the-art manufacturing facilities, built to exceed the highest European and US standards:

- **Chinese Standard: GB19082-2009**
- **European standard: EN14126- Level 4** (liquid barrier performance level II or above).
- Internationally recognised leader in medical device manufacturing,
- Reputation for uncompromising quality of materials and design,
- Highest-grade medical grade materials, sourced with strict supplier controls,
- Every device and instrument undergoes rigorous quality checks using the latest testing equipment and procedures.

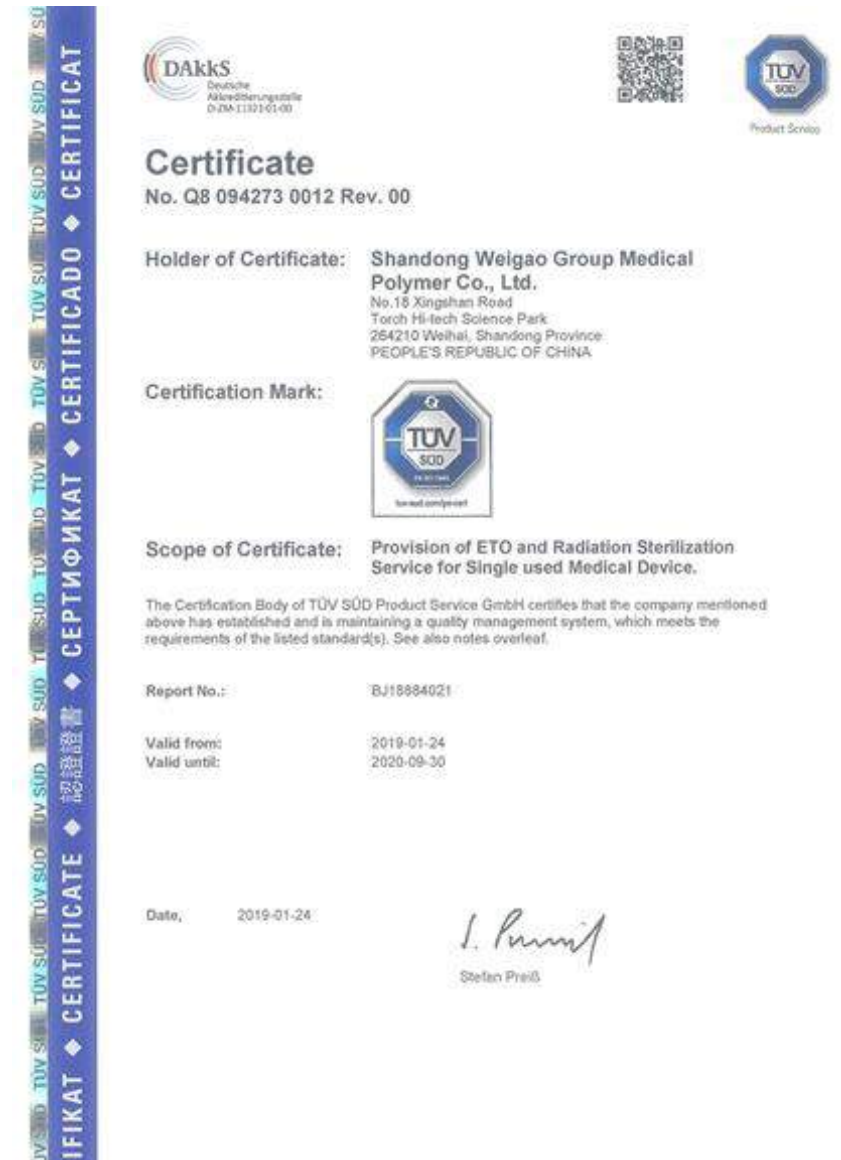


CE certification on ETO sterilization for medical devices

WEGO is one of few manufacturers in China that has capability of adopting ETO sterilization using ethylene oxide processes.

This means that the WEGO sterilized products won't be corroded and can be wrapped and completely package to keep them sterile.

- ETO sterilization can kill all microorganisms, including spores, bacteria & viruses
- The sterilized articles can be wrapped and packaged together to keep them sterile before use.
- ETO sterilization does not corrode plastics, metals or rubber, and does not cause items to turn yellow and brittle
- Ethylene oxide can sterilize items with irregular shapes and complex structures



Class 100,000 Purification Workshop



Workshop Production Site



Specialized Production Equipment

CE Mark certification for single used medical devices

- Ethylene oxide can kill all microorganisms, including spores, bacteria, viruses, etc.
- The sterilized articles can be wrapped and packaged as a whole to keep them sterile before use.
- Ethylene oxide does not corrode plastics, metals or rubber, and does not cause items to turn yellow and brittle
- Ethylene oxide can sterilize items with irregular shapes and complex structures



+ CERTIFICATION

ISO 14001

OHSAS 18001

CE

ISO 13485



Equinox nation-wide Distribution reaching all major hospitals

- **Equinox and EWE logistics** bring unprecedented value and excellence to logistics supply, Australia-wide

