





About PTZ Medical

Founded in 2011, Our Management team are experienced biomedical engineers and we are the First and the Biggest Manufacturer of Disposable Suction Systems in Iran and in the Middle East. Polymed has the largest, most comprehensive product range in the disposable suction market.

Because we are a dedicated manufacturer and supplier of disposable suction systems, we are able to channel all our resource from market research, innovative product design, automated manufacture and customer service to this very important medical equipment market. This results in a better understanding of customer needs and the development of innovative products to make the collection and handling of medical waste as safe as is practically possible.

Polymed is passionate about quality. We are registered to ISO 13485 and CE so you can be sure of a quality product from Polymed and confident in its integrity and safety.

We are there when a procedure starts. Our Polymed Suction Bags make sure surgeons see the most crucial parts of what they are doing. They can rely on the fluid being suctioned out of the way and into the bag. We are there to ease the workload of the nurses. So that they can assist the surgeon, and make sure everything is as it should be with the patient. Confident that the suction bags are operating reliably.

Also Production focuses on disposable medical supplies having main product group as Surgical Mask, Medical Gels and General disposables.



SUCTION SYSTEMS

Aspiration Bags and System Properties

SYSTEM ADVANTAGES

- Suction Liners provides the protection from possible infections, which causes from hospital ambience.
- During working of user personnel and crew, provides easy and practical application.
- It has easy connection and assembly.
- When it fills, it's easy to change.
- It removes spillage and springing risks.
- It helps to protection of hospital hygiene.
- It provides advantage to destroy controlled medical waste.
- Due to its closed system, it prevents the spread of odor to the other departments.
- Both operation and anaesthesia crews can use it during the surgical operation.
- Generally it can be use similar liquid suction processes which has vacuum sources.

SUCTION LINER SPECIFICATIONS

- No contact with patient.
- Raw material and cover system are made of durable plastic.
- It's capacity is optional and 1500, 2000, 3000 ml.
- Liners are flexible and sole part is flat shaped.
- Suction end of patient port has anti-reflux valf, which prevents the back flow.
- It has a special filter in vacuum suction end, which prevents the transition of bacterial and virus and stop the suction when liner filled.
- It has a cover system, which closes all the ports at the end of the process.
- It includes 1,8 m patient suction tube for suction process from the patient.
- It contains 2 pieces rubber plastic 1 piece kapkon connector for provide the connection between patient and vacuum source.
- Aspiration Bag has wide sample port, which provides the protection of solid samples received similar bone and tissue samples from arthroscopy, endoscopy etc applications.

ADDITIONAL MATERIALS

- Gelling : It provides the solidification of liner contained liquid by gelling.
 - Antifoam : It prevents the foaming of suctioned liquid.
 - Disinfectant: It provides the disinfection of suctioned liquid.
- Additives are optional.

CANISTER SPECIFICATIONS

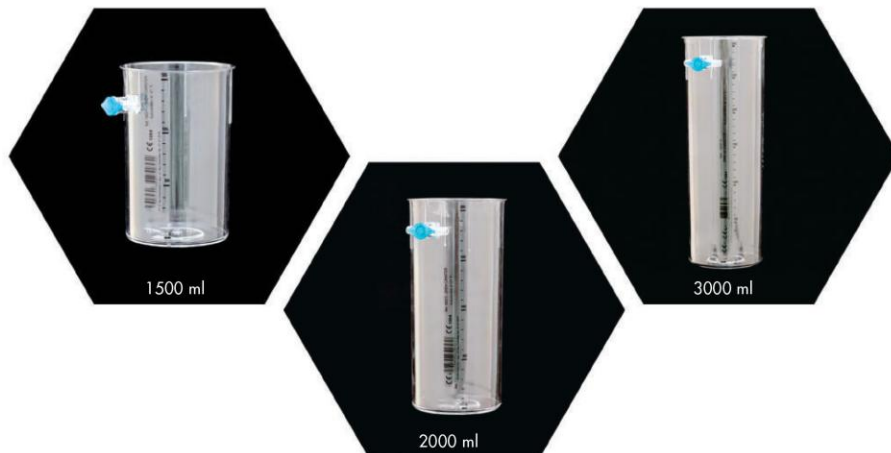
- It has three kinds of canisters, which capacities are 1500 ml, 2000 ml, 3000 ml .
- Canister is polycarbonat material durable for unexpected impact.
- It can be autoclavable up to 121° celcius degree.
- For easy bag handling, vacuum switch (on-off) valve is available on canister.
- It can be adapt for central vacuum system and portable suction devices easily.
- It can be adapt to wall and rail.

CONNECTION SPECIFICATIONS

- It can be connect with mobile carriage system and can be make 1x2 or 2x2 canister connection in surgery operation rooms.
- Connection done, at least 2 canister can be usable in same time on mobile carrier.
- In double system, 1 canister can be used for surgery operation team, another one can be used for anaesthesia team.
- During the parallel connection of 4 canister, all the canister stay in active position.
- Canisters can be connected as serial.
- During Intensive Care Units and services, it can be adapt to walls and on any system.
- During the use of Mobile Carriage Systems, connection can be made by 2,5 m-4 m tubes between central vacuum system and canister. In special cases, solution provides according to inquiries.
- In case of montage to the wall, it uses 1-1,8 m tubes.



Canisters



DESCRIPTION

SUCTION CANISTER 1500 ml

SUCTION CANISTER 2000 ml

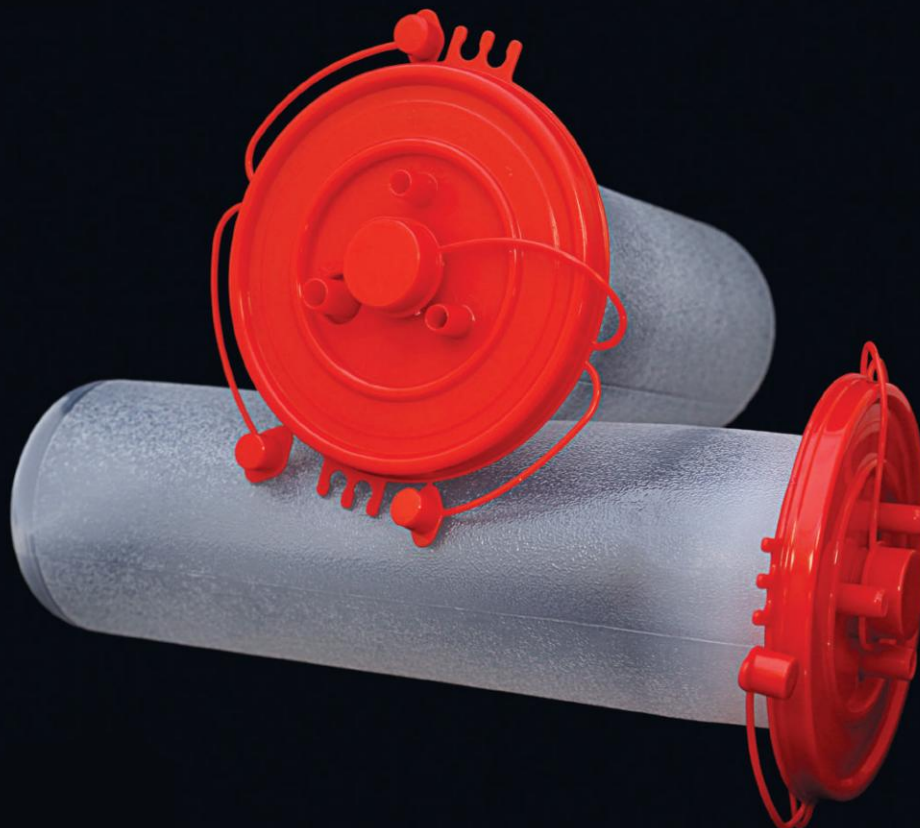
SUCTION CANISTER 3000 ml

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SUCTION SYSTEMS

Aspiration Bags



DESCRIPTION

SUCTION BAG 1500 ml

SUCTION BAG 2000 ml

SUCTION BAG 3000 ml

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SUCTION SYSTEMS

Mobile Trolleys



DESCRIPTION

SUCTION BAG TWO CANISTER WITH TROLLEY -1500 ml

SUCTION BAG FOUR CANISTER WITH TROLLEY -1500 ml

SUCTION BAG TWO CANISTER WITH TROLLEY -2000 ml

SUCTION BAG FOUR CANISTER WITH TROLLEY -2000 ml

SUCTION BAG TWO CANISTER WITH TROLLEY -3000 ml

SUCTION BAG FOUR CANISTER WITH TROLLEY -3000 ml

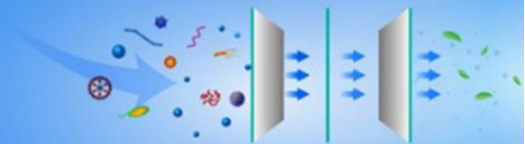
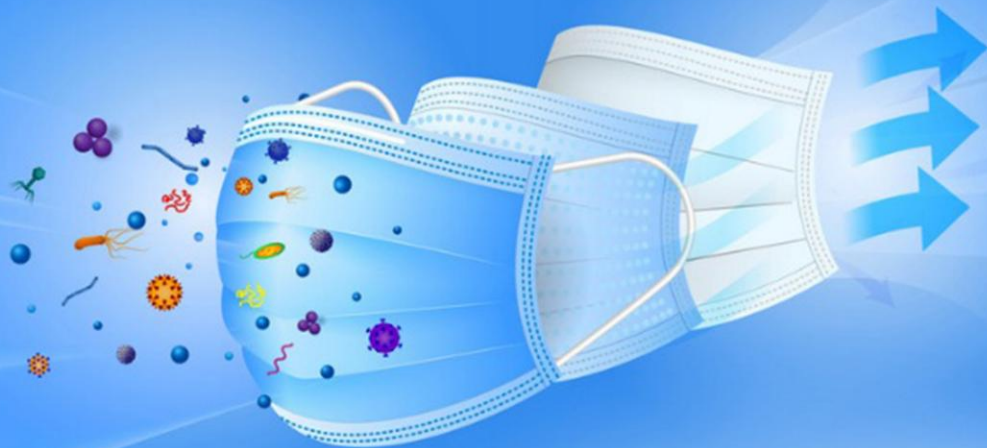
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3 LAYERS MEDICAL MASK



CE
CERTIFICATE

ISO
13485

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- Easy To Spread
- Long Drying Formula
- Gives Clear Image



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