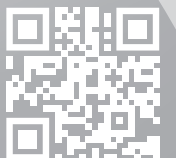




MEGASAN



Vacuum Adapters



www.megasan.com.tr



MEGASAN Medikal entered the sector in 1981 with assembly and maintenance works and started production in 1998.

It continues its activities in its production facility established on a total area of 70 thousand m² with a closed area of 14 thousand m². There is also a showroom in Ankara where the R&D and sales departments are located. Today, **MEGASAN Medikal A. Ş.** is one of the largest medical gas manufacturers in Europe. In addition to vacuum adapters in its product range, it produces medical gas plants, area valve service units, medical gas outlets, patient service units, intensive care and emergency service units, pendants, gas adapters.

Today, **MEGASAN** has the rightful pride of offering dozens of best quality products and serves in gas installation projecting, installation and maintenance with its modern manufacturing building equipped with sensitive technological devices and equipments, engineers, extremely well-trained technicians, assembly and maintenance personnels. **MEGASAN Medikal**, is proud of its values and determined mind about getting better day by day.

Our aim; By closely following scientific and technological developments and following a policy parallel to the globalization process in the world, we aim to maintain our leading position in our sector and become a more respected company around the world, while also strengthening this leadership.

Megasan, has the CE (Conformity of Europe) certificate which is very rare in the medical sector in Turkey, proudly states once again that while providing the best service to all its customers;

"The quality of our products is our best reference."



Vacuum Adapters;

They are medical products that allow to suck the body fluids during intervention in patients and provide a hygienic environment by preventing viral and bacterial contamination.

Intended Use:

Vacuum adapters are medical devices used to facilitate the safe and hygienic suction of waste body fluids that arise during patient interventions. They enable the storage of fluids according to their volumes. These medical devices are used in conjunction with accessories and equipment such as single-use, sterilizable and reusable containers, connectors, probes, and equipment rails, to enhance the convenience of use for healthcare personnel.

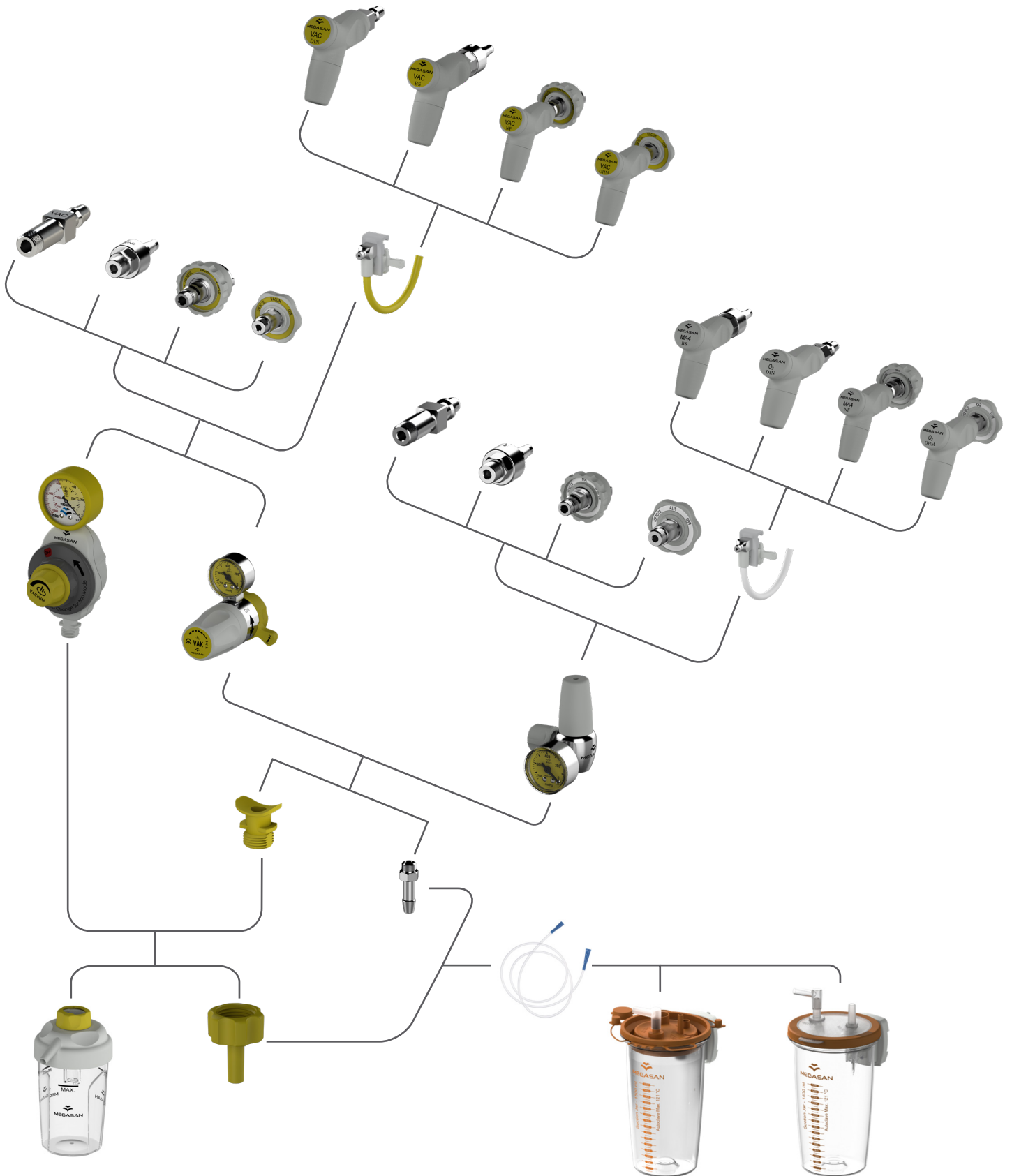
Environments of Use:

In general, vacuum adapters can be used in operating theater rooms, intensive care, service rooms and intervention rooms.





Product Name : Premium Vacuum Carrier 2X3Lt
Product Code: MG-VKT-3



Premium Vacuum Regulator

It regulates the negative pressure provided by the vacuum gas outlets and provides the desired pressure value.

The regulator with stylish and ergonomic lines is made of durable plastic material. Regulator adult (-700 mbar) or pediatric (-300 mbar) modules are available upon request.



Technical Specifications		
	Pediatric (-300 mbar)	Adult (-1000 mbar)
Weight	~ 460 gr	
Max. suction flow	50 L/min. ± 5 L/min. at - 250 mbar	115 L/min. ± 5 L/dk. at - 950 mbar
Max. negative pressure effective value	-250 ± 20 mbar	-750 ± 20 mbar
Vacuum manometer	0 / -400 mbar 0 / -315 mmHg	0 / -1000 mbar 0 / -760 mmHg
Maximum depression feed value	-950 mbar	
Standard input connection	ISO G 1/4"	
Read Resolution	~ 20 mbar/ 10 mmHg	
Output Connection	Integrated lug for easy assembly and disassembly with a G 1/2" thread connection	
Module Adjustment	Fast switching between ON/OFF/FULL modules	
Materials	Plastic	



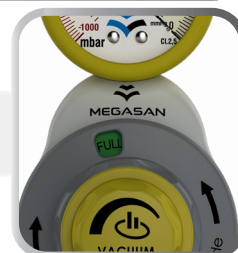
The Push to Lock knob system ensures the quality and safety of the vacuum flow by preventing unintentional adjustments caused by external factors affecting the vacuum pressure.

The regulator adjustment handles with ergonomic grip allow the personnel in charge to adjust the settings easily.



OFF mode: The regulator cuts off the vacuum flow from the pipeline, thus stopping the vacuum flow.

FULL mode: The regulator increases immediately the vacuum pressure flow from the pipeline to the highest level and allows the vacuum flow with the full capacity of the pipeline.



REG mode: It delivers vacuum flow in accordance with the set vacuum pressure from the regulator's front handle grip. When the module is turned off and on again, it maintains the set vacuum pressure.

The ease of assembly and disassembly of vacuum nipples and safety jars is achieved through the integrated lugs and G1/2" thread connection.



Pediatric vacuum regulators are equipped with a relief line to reduce and balance the high pressure coming from the vacuum pipeline.

The manometer, a vacuum gauge with a colored and dual scale (-mbar and mmHg), facilitates easy reading of the set vacuum flow. Additionally, the silicone protective bumper case provides protective support against impacts.



Metal Vacuum Regulator

It regulates the negative pressure provided by the vacuum sockets and provides the desired, adjusted pressure value.

The vacuum regulator with a chrome-plated aluminum body and additional complementary plastic parts has a lightweight and convenient design.



Technical Specifications		
	Pediatric (-400 mbar)	Adult (-100 mbar)
Weight	350 gr.	
Max. Suction flow	50 L/min. ± 5 L/min. at - 250 mbar	100 L/min. ± 5 L/min. at - 760 mbar
Max. negative pressure effective value	-250 ± 20 mbar	-750 ± 20 mbar
Vacuum manometer	0 / -400 mbar 0 / -315 mmHg	0 / -1000 mbar 0 / -760 mmHg
Maximum depression feed value	-950 mbar	
Standard input connection	ISO G 1/4"	
Read Resolution	20 mbar/ 10 mmHg	
Standard output connection	Integrated lug for easy assembly and disassembly with a G 1/2" thread connection	
Material	Aluminum , Plastic	



Thanks to the adjustment handle with ergonomic grip, the regulator adjustment can be easily adjusted by authorized personnel. The handle with a Push to Lock System prevents external interference, ensuring a high-quality and safe vacuum flow.

The ease of assembly and disassembly of vacuum nipples and safety jars is achieved through the integrated lugs and G1/2" thread connection.



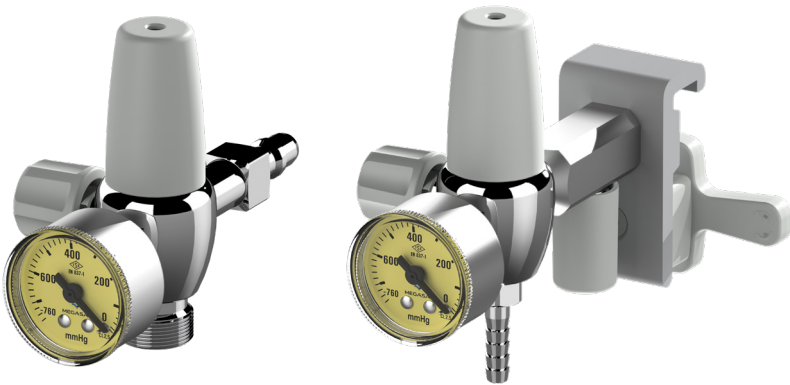
There is an ergonomic handle that allows the vacuum flow to be turned ON/OFF quickly and prevents the set pressure from deteriorating, while also offering quick use.

The silicone protective bumper case provides protective support against impacts.



Turbo Vacuum Regulator

It is designed for hospitals where vacuum production facilities and/or pipeline are not available, and it achieves a vacuum power of approximately -800 mbar through by venturi system that uses medical air or oxygen. It has a chrome-plated aluminum body.



Technical Specifications	
Max. suction	-800 mbar -1000 mmHg
Weight	230 gr
Max. suction flow	40 L/min. $\pm$ 5 L/min. at -800 mbar
Adjustable max. pressure	-800 mbar
Vacuum manometer	0 / -1000 mbar 0 / -760 mbmmHg
Air consumption at max. suction value	60 L/min $\pm$ 2 L/min
Noise level	<68 Db
Gas and pressure supplied	Compressed air 400kPa (4.0 bar) $\pm$ %10
Standard input connection	ISO G.1/4"
Standard output connection	Integrated lug and threads for easy disassembly and assembly Hose holder G 1/8" Thread connection





The regulator's ergonomic adjustment handle grip allow personnels in charge to adjust the settings easily.

During venturi operation, a silencer system is in place to prevent the noise generated during gas flow discharge.



The ease of assembly and disassembly of vacuum nipples and safety jars is achieved through the integrated lugs and G1/2" thread connection.

Vacuum Jars

Reusable Vacuum Jars

Reusable vacuum jars are made from durable polycarbonate material. The flexible cover frame allows for easy assembly and disassembly. Thanks to the durable materials used, all parts can be sterilized at 121°C in an autoclave after use. The silicone valve inside the lid plays a preventive role in case of any backflow during vacuum and disruption of the vertical position of the jar.



The float system ensures the safety of the vacuum pipeline by cutting off the vacuum flow and preventing the entry of waste liquids into the regulator and the pipeline when the vacuum bottle reaches its maximum level of fullness.

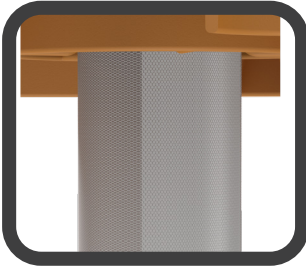
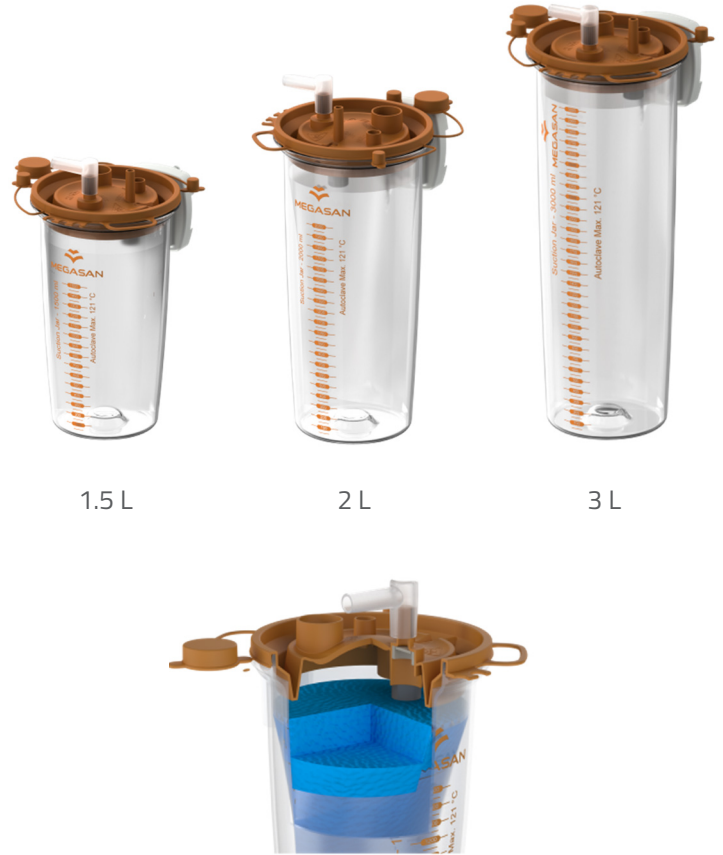
The silicone valve inside the lid plays a preventive role in averting leaks and spillages in the event of any possible backflow during vacuum and the disruption of the vertical position of the jar.



A 90-degree angled polycarbonate elbow is available to prevent hose breakage during use and to allow for smooth movement, ensuring uninterrupted operations.

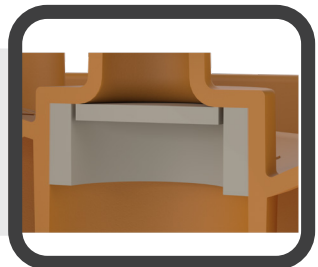
Disposable Vacuum Jars

Disposable vacuum jar lids feature durable bags sealed using laser technology. Within these bags, there are single-use filter pores that inflate when they come into contact with the waste liquid at their maximum level, causing the vacuum flow to stop. The filled lid assembly can be removed and replaced with a new one to make it ready for reuse with outer jar. The silicone valve inside the lid serves to prevent any potential backflow during vacuum. Additionally, a 90-degree angled polycarbonate elbow is available to prevent hose breakage during use and to allow for smooth movement, ensuring uninterrupted operations..



The disposable filter pores, which are in contact with waste liquids contained within the pouch, expand to their maximum capacity, causing the vacuum flow to stop.

The silicone valve inside the lid plays a preventive role in averting leaks and spillages in the event of any possible backflow during vacuum and the disruption of the vertical position of the jar.

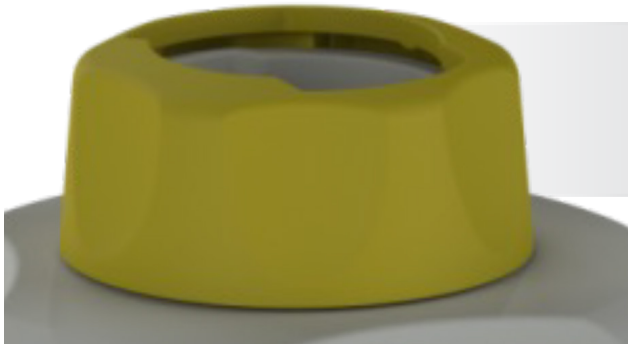


A 90-degree angled polycarbonate elbow is available to prevent hose breakage during use and to allow for smooth movement, ensuring uninterrupted operations.

Vacuum Bottle

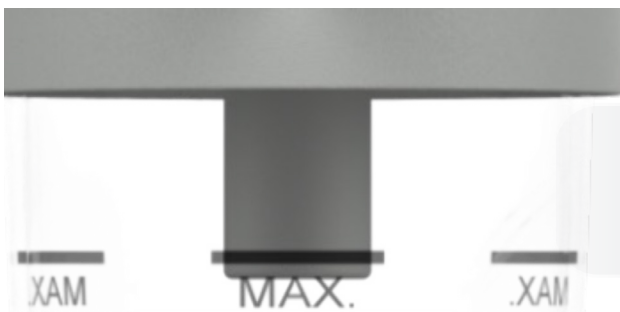
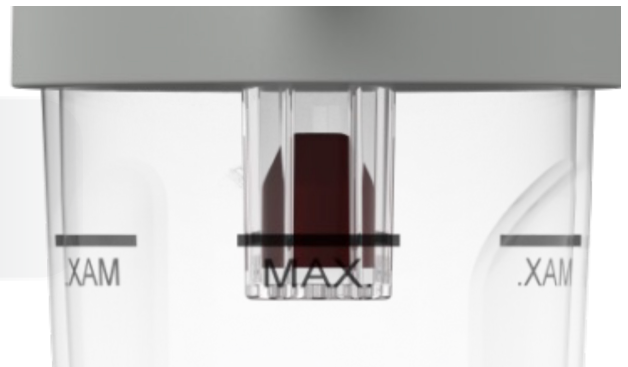
Vacuum bottles are made of durable polycarbonate material. Thanks to durable materials, all parts can be sterilized at 121 ° C in autoclave after use. Floated or single-use filter may be preferred.

Technical Specifications	
Weight	120 gr
Materials	Polycarbonate
Capacity	300 ml
Input connection	Easy Assemble-Disassemble
Output connection	Conneciton diameter Ø8.0-9.6 mm



The vacuum regulator group can be easily assembled and disassembled with practicality thanks to the ergonomic, rotary handle for a comfortable grip.

The float system ensures the safety of the installation by cutting off the vacuum flow when the vacuum bottle reaches its maximum level of fullness, thereby preventing the entry of waste liquids into the regulator and the installation.



The single-use filter pores inflate when they come into contact with the waste liquid at their maximum level, causing the vacuum flow to stop.

Vacuum Trolleys

Medical vacuum trolleys assist in the storage of waste fluids during medical procedures by connecting to the vacuum system. Their mobility allows healthcare personnel to easily move and position them where it is needed. With a dedicated vacuum connection for each jar, they can perform suction from various devices or aspirators.

Furthermore, by establishing parallel connections, it's possible to increase the waste fluid storage capacity by a suction from a single point.

Catheter jar, enables operators to securely place the aspiration hose and yankauer in a hygienic manner during their activities.

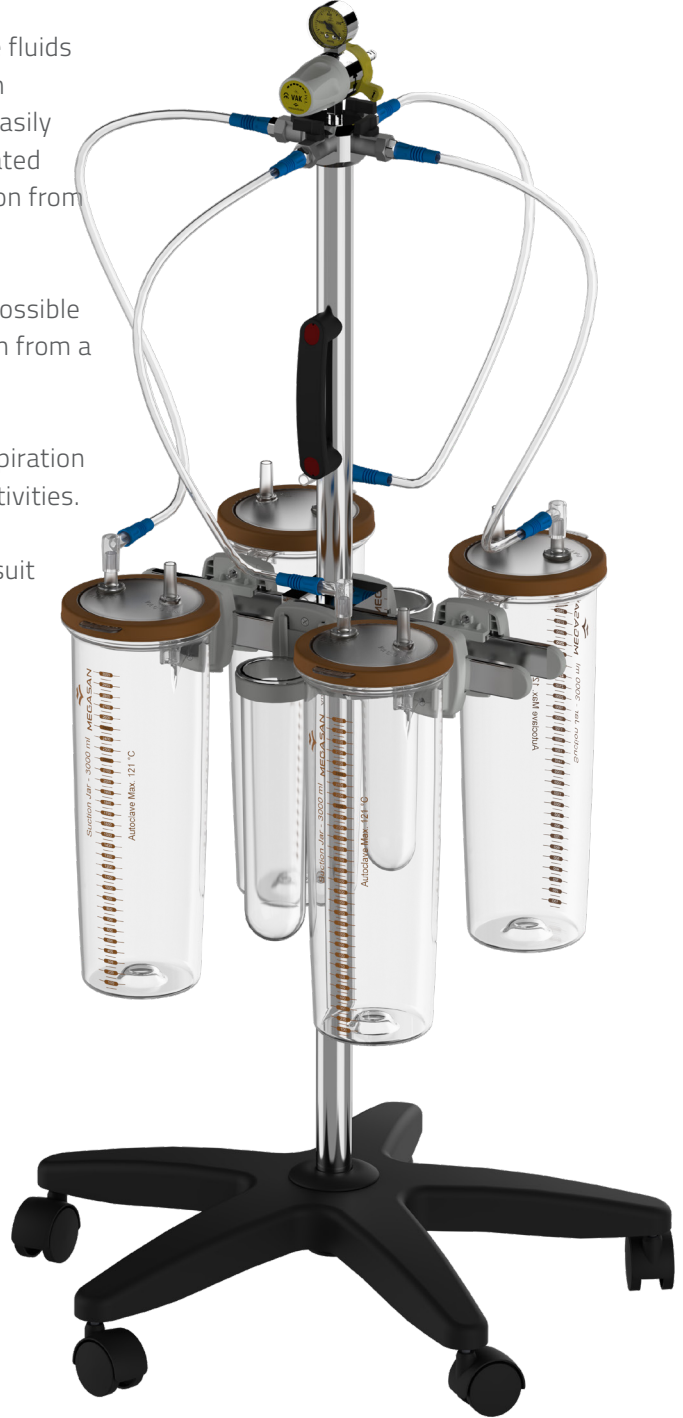
These carts are available in 2-jar and 4-jar versions to suit different needs.

Product Specifications

Product Code	: MG-VKT-x "x:1,5, 2, 3 Lt"
Product Name	: Vakum Taşıyıcı
Operating Range	: 0-760 mmHg ,2x (1,5, 2, 3 Lt)
Package Type	: Ambalaj
Package Size	: 117x62x62cm
Weight	: 4.9 kg / 6,6 kg



Product Name : Premium Vacuum Trolleys 4X3Lt
Product Code : MG-VKT-3



Product Name : Premium Vacuum Trolleys 4X3Lt
Product Code : MG-VKT-3

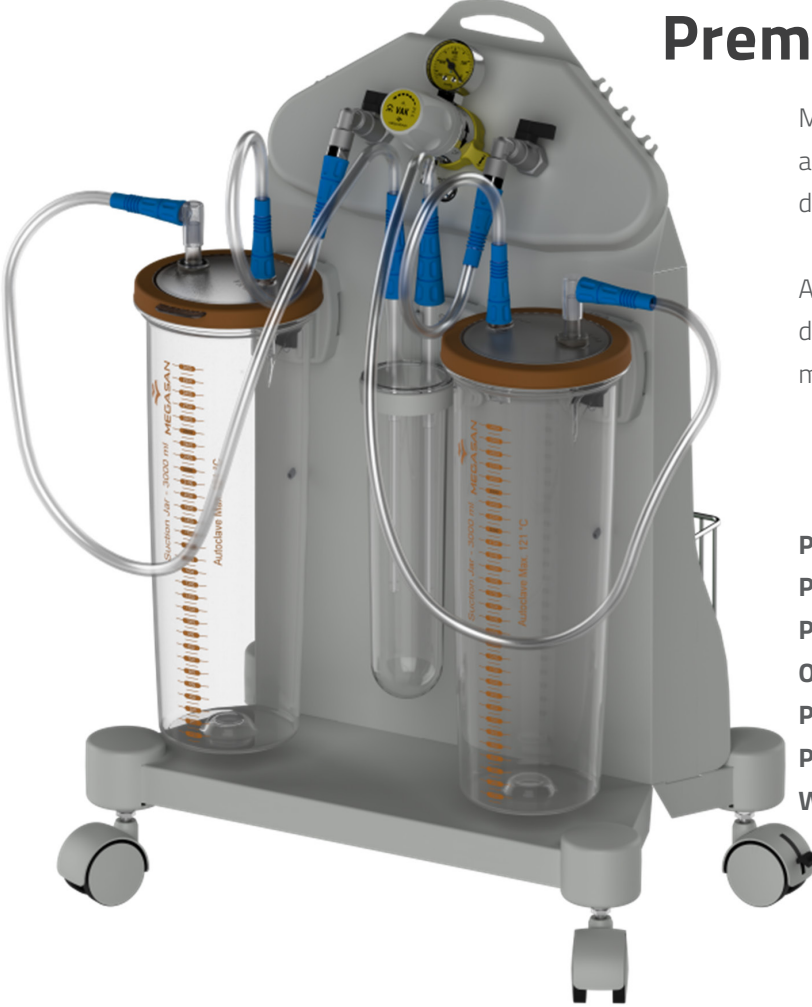
Premium Vacuum Trolleys

Medical vacuum trolleys can be optionally preferred as a durable and more useful product specially designed.

Apart from the regulator adjustment and suction diverter valves, there is a basket section where medical tools and devices can be placed.

Product Specifications

Product Code	: MG-VKT-x "x:1,5, 2, 3 Lt"
Product Name	: Vakum Taşıyıcı
Operating Range	: 0-760 mmHg ,2x (1,5, 2, 3 Lt)
Package Type	: Ambalaj
Package Size	: 117x62x62cm
Weight	: 6,6 kg



Mounting Kit

It allows the installation of medical vacuum jars and probe containers. Functionally designed mounting kits can be used for mounting on both mounting options as wall and rail mounts. Mounting kits can be connected to rail profiles of different sizes thanks to their adjustable arms.

Compatible Dimensions;

1-25X10mm

2-30X10mm



Probe Container

Probe holders are accessories that allow operators to securely place the aspiration hose and yankauer in a hygienic manner during their activities.

It is made of polycarbonate tube with a dimensions of Ø 57 mm x 250 mm and can be fully autoclaved. (121 °C - 15 min.).

HARNESSING THE POWER OF THE SUN FOR A SUSTAINABLE FUTURE!



MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

SHOWROOM

Yenibahar Mah. 24/12/19 06370 Batıkent Ankara-TURKEY

+90 (312) 865 18 18 - 865 18 21 +90 (312) 865 18 22

HQ

Cumhuriyet Mah. Zafer İş Hanı No:33/411 18100 Merkez/Çankırı-TÜRKİYE

FACTORY

Dere Mahallesi Sağlık Sokak No:29 18700 Eldivan/ÇANKIRI-Türkiye

+90 (376) 218 10 25 - 218 14 07 +90 (376) 218 12 26

+90 (541) 218 10 25 +90 (533) 323 61 63 +90 (555) 982 48 98

DISTRIBUTOR

info@megasan.com.tr www.megasan.com.tr

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