SENAMED
Teknik ve Tıbbi Sistemler San. ve Tic. A.Ş.



ASPIRATION UNITS

BS • DIN • AFNOR Compliant

The Aspiration Series includes **Univac, Diavac,** and **Turbovac** vacuum regulators, developed to meet different clinical needs. The series also features the **Vaccart** Vacuum Cart for mobile applications. All products are designed for secretion and liquid aspiration in surgical, intensive care, and emergency care settings.

The series is supported by accessories such as **Vacuum Jars, Aspiration Bags, Safety Bottles, and Mounting Apparatus**. Accessories can be selected according to the intended application. Products form a multi-component system but are also available individually.

Product Scope

The Aspiration Group is a multi-component system consisting of vacuum regulators and collection units. System components are available as a complete set or individually, according to need. All components are designed for full compatibility, providing maximum flexibility for replacement, use, and maintenance.



VACUUM REGULATOR

1 · Vacuum Gauge

Displays the negative pressure at the regulator outlet in psi and kPa, allowing precise monitoring of aspiration.

2 · On/Off Switch

Stops the vacuum from the system or resumes it from the previous level.

3 · Control Knob

Allows gradual adjustment of the vacuum pressure at the regulator outlet.

4 · Gas Probe

Provides a secure connection to medical gas outlets. Compliant with DIN, BS, NF.

5 · Unit Connection

Connects the regulator to the collection unit via a mounting accessory.

COLLECTION UNITS

6 · Jar Lid

The regulator hose connects to the inlet and the patient hose to the outlet. Sterilizable. The float system automatically stops the vacuum when the jar is full.

7 · Vacuum Jar

2 L capacity, autoclavable at 121 °C; can also be used with a single-use aspiration bag.

8 · Mounting Adapter

Provides connection to wall, rail, or vacuum cart.

9 · Vacuum Hose

Medical-grade silicon hose; flexible and kink resistant. Ensures continuous suction during fluid transfer.

Aspiration Series

The Aspiration Series provides a complete vacuum solution designed for various clinical needs. All vacuum regulators are compatible with collection jars, single-use bags, safety (tramp) bottles, and all connection and mounting accessories. The wide product range of the series easily adapts to different clinical applications.





UNIVAC Vacuum Regulator

In hospitals equipped with a vacuum system, it operates by connecting to a vacuum outlet andregulates the negative pressure required for suction procedures.

The vacuum level can be adjusted gradually. Chrome-Plated brass body ensures durable performance. Can be used with various type of collection units depending on clinical needs.

Collection Units
Tramp bottle, vacuum jar, single use aspiration bag

Aspiration Control
Easy start stop with ON/OFF switch

Flexible Connection
Rail or direct gas outlet connection

Standartlar
BS • DIN • NF compatible



DIAVAC Vacuum Regulator

In hospitals equipped with a vacuum system, it operates by connecting to a vacuum outlet and regulates the negative pressure required for suction procedures.

It features a sleek and ergonomic design and is made of durable plastic.
The vacuum level is adjustable in stages and is secured using a press-lock mechanism. Can be used with various type of collection units.

Press-Lock Button
Prevents accidental setting changes

Vacuum Gauge Adjustment
Manual rotation: -45° / +45°

Collection Units
Tramp bottle, vacuum jar,
single use aspiration bag

Aspiration Control
Easy start stop with ON/OFF switch

Flexible Connection
Rail or direct gas outlet connection

Standartlar
BS • DIN • NF compatible



TURBOVAC Vacuum Regulator

It is designed to provide negative pressure in clinics without a vacuum system. Connects to an **Oxygen** or **Compressed Air** outlet, it creates a vacuum using the **Venturi Principle.**

The vacuum level can be adjusted gradually. Chrome-Plated brass body ensures durable performance. Can be used with various type of collection units depending on clinical needs.

Venturi Principle
Vacuum generated at 4 – 4.5 bar.

Collection Units
Tramp bottle, vacuum jar, single use aspiration bag

Aspiration Control
Easy start stop with ON/OFF switch

Flexible Connection
Rail or direct gas outlet connection

Standartlar
BS • DIN • NF compatible



TRAMP Safety Unit

The Tramp Safety Valve is a compact solution designed to prevent liquids from entering the vacuum regulator during aspiration procedures.

It connects directly to the vacuum regulator, making it ideal for patient rooms where space is limited and a separate rail-mounted collection unit is not required.

Its 200 ml capacity, transparent polycarbonate body allows easy monitoring of fluid level.

Sterilization
Can be autoclaved up to 121 °C

Safety Valve
Shuts off vacuum when bottle is full

Model Compatibility
Compatible with all regulator models

Compact Design
Ideal for space-limited patient rooms

Direct Connection
Connects to the regulator by twisting



VACCART Vacuum Cart

It is designed for mobile and multi-jar use. It is preferred in critical areas, operating rooms and areas where the vacuum outlets are not readily available. Compatible with Univac or Diavac.

Can connect 1-4 vacuum jars simultaneously. Each jar has independent valves for starting and stopping the vacuum. A five-wheel base and aluminium column provide stable mobility.

Mobility
Portable to any area with a vacuum line

Lightweight & Durable
Aluminum alloy support column

Model Compatibility
Compatible with Univac and Diavac

Gas Connection
Flexible Gas Hose + Gas Probe

High Capacity
1–4 vacuum jars simultaneously

Independent Control
A control valve for each jar



Vacuum Jars (Reusable)

Made from durable polycarbonate material. Can be sterilized in an autoclave up to 121 °C/134 °C. It is compatible with all regulator models.

Its cover frame is flexible, making it easy to put on and take off. The safety valve inside the cover prevents backflow.

The standard model has a 2000 ml capacity and can be used with an optional disposable suction bag.

Sterilization
Autoclavable at 121°C / 134°C

Safety Valve
Shuts off vacuum when bottle is full

Model Compatibility
Compatible with all regulator models

Reusable Design
Suitable for repeated use

Flexible Connection
Wall, rail, or mobile unit mounting

90° Polycarbonate Elbow
Prevents the hose from kinking



Aspiration Bag (Disposable)

Made of sterile, single-use plastic. Its disposable design helps maintain system longevity, reduces the infection risk. Compatible with all regulators.

Designed to be used with a vacuum jar. It features a conical design for a snug fit in the jar. Equipped with a safety valve that automatically stops the vacuum when the bag is full.

Ideal for surgical fluid collection, drainage, wound cleansing, mucus aspiration, emergency fields.

Disposable
Reduces the risk of cross-contamination

Safety Valve
Shuts off vacuum when bottle is full

Model Compatibility
Compatible with all regulator models

Laser Technology
The bag is laser-sealed to the lid

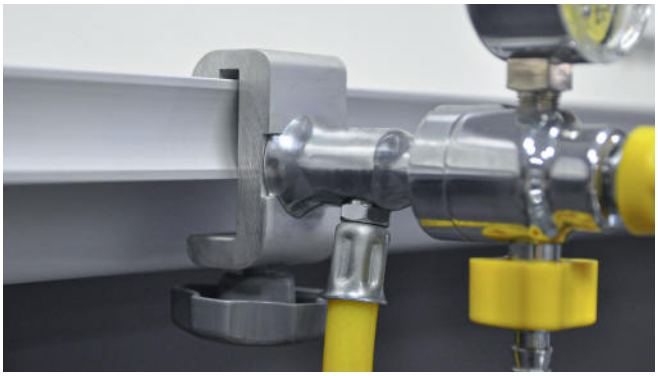
Perfect Fit
Custom-made to fit the jar

Sterile Disposal
Easily disposed of as medical waste

Supplied as a complete set with patient hose, vacuum hose, elbow, and other connection accessories.

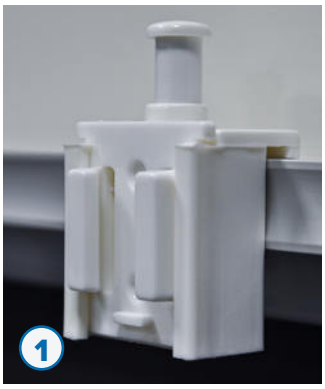
Connection Accessories

Connection accessories ensure the safe and compatible connection of the various components of a vacuum aspiration system. They provide a variety of mounting and connection solutions for the connections between the gas outlet, regulator, collection unit, and patient line.



Rail Mount Adapter

Compatibility	All Regulator Models
Material	Aluminum
Weight	50 g
Connection	Gas Probe with Hose Outlet
Mounting Type	Tightening–Loosening Mechanism
Mounting Location	Accessory Rail
Adjustability	Slidable on Rail





Mounting Components

Compatibility	All Collection Units
Material	ABS Rigid Plastic
Application	Plug-in / Quick Release
Mounting Type	Clip-on Rail Mount / Fixed Mount with Screws
Mounting Location	Accessory Rail (1) Wall / Mobile Unit (2)
Adjustability	Slidable on Rail (1) Fixed (2)



Vacuum Hose

Compatibility	All Regulators and Collection Units
Material	Medical-Grade Silicone
Flexibility	Flexible, Kink-Resistant, Maintains Vacuum
Length	Suitable for Various Installations
Hygiene	Easy to Clean and Sterilizable
Application	Fixed and Mobile Systems
Components	Connection Ends – End Caps



Gas Probes

Compatibility	BS—DIN—NF
Material	Chrome-Plated Brass
Connection	Direct / Hose Outlet
Length	Standard (optional different lengths)
Safety	Gas-Specific Indexing

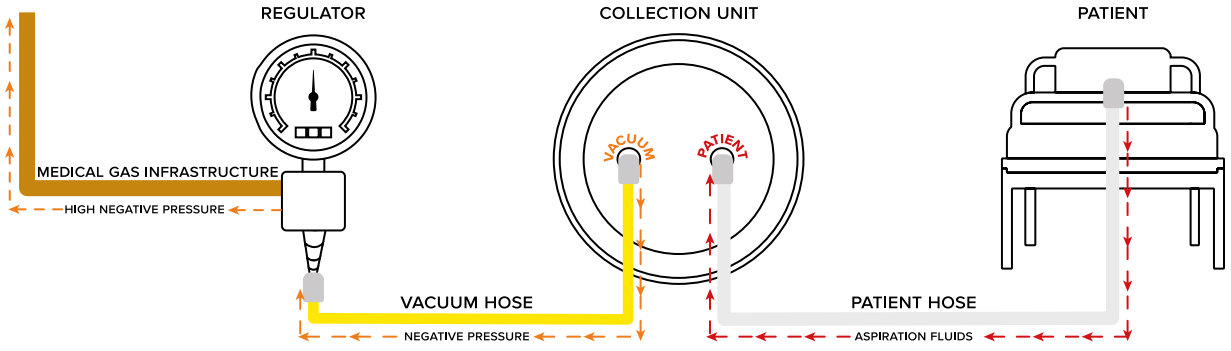
Mounting adapters and gas probes are included with the product. For detailed information, please contact our sales representatives.

Regulator Type	UNIVAC	DIAVAC	TURBOVAC
General Features			
Compatibility	BS - DIN - NF		
Operating Temperature	0°C – 50°C		
Relative Humidity	30 – 85 %		
Atmospheric Pressure	700-1060hPa		
Mounting Options	Direct Outlet / Rail / Mobile Cart		Direct Outlet / Rail
Connection Port	Vacuum Outlet	Vacuum Outlet	O_2 – MA_4 Outlet
Source	Vacuum Central	Vacuum Central	Oxygen / Compressed Air Supply
Technical Features			
Maximum Negative Pressure	760 mmHg		
Maximum Flow	45 L/min. (at max. negative pressure)		
Vacuum Gauge Accuracy	1.6% V.F.S.		
Mechanical Features			
Weight	450 g	400 g	600 g
Body	Chrome-Plated Brass	ABS Rigid Plastic	Chrome-Plated Brass
Gas Probes	Chrome-Plated Brass		
Sterilization	Can be cleaned with disinfectant; suitable for sterilization		
Vacuummeter			
Body	Chrome-Plated Brass	ABS Rigid Plastic	Chrome-Plated Brass
Diameter	Ø40	Ø63	Ø40
Measurement Range	0 – 760 mmHg / 0 – 100 kPa		
Standards			
Regulation	2007/42/EC		
Quality and Management System	EN ISO 13485:2016 — EN ISO 9001:2015		
Risk and Labeling Standard	ISO 14971:2012 — ISO 15223-1:2021		
Regulator-Specific Standards	EN ISO 10524-1:2019 — EN ISO 10524-2:2019 — EN ISO 9170-1:2008 EN ISO 7396-1:2016 —EN ISO 7396-2:2007		
Vacuum Jar-Specific Standards	ISO 10079-2:2014 — ISO 10079-3:2014		
Other Accessories-Specific Standards	ISO 10079-3:2014		

COLLECTION UNIT STERILIZATION (AUTOCLAVE)

Autoclave Temperature	Pressure (atm)	Duration (min.)
121 °C	1.05	15–20
134 °C	2.0	3–5

Working Principle



Probe leght are available

Technical specifications may change without prior notice. The images are provided as examples and may vary depending on the model.



SENAMED

Teknik ve Tıbbi Sistemler San. ve Tic. A.Ş.

CONTACT

+90 533 771 92 03
www.senamed.com.tr
sales@senamed.com.tr
linkedin.com/company/senamedtr/
Köşklü Çeşme Mh. Yeni Bağdat Cd. No:126 Gebze / Kocaeli / TÜRKİYE