

# Varioport suction unit

portable / rail units



## Compressed air operation

## Vacuum operation

### Use

To exhaust or drain liquids and gases. Complete with vacuum gauge, needle valve, quick-action valve, and with secretion and rinse bottles TPX 1.25 liter.

### Technical data

Type:	chrome-plated all metal design, plug-in or rail unit, bypass principle, needle valve and quick-action valve, vacuum gauge; the portable unit has a receptacle holder of enameled sheet metal, TPX secretion bottles, the inlet is provided with a bacterial filter (secretion stop safety).
Capacity:	compressed air operation: continuously variable between 0 and -90 kPa vacuum operation: continuously variable between -20 and -90 kPa maximum flow > 20 l/min admission pressure: 500 kPa $\pm$ 50 kPa or, respectively, -95 kPa propellant gas: at -85 kPa = 30 l/min.; at -40 kPa = 15 l/min.
Connection:	gas-type specific plug inserts according to DIN 13260 Part 2 for oxygen, compressed air and vacuum
Outlet:	9/16-18 UNF, nipple for silicone hose 14x3 propellant gas line at compressed air regulator is conically designed for a bacterial filter.

### Additional information

- The bacterial filter in the lid of the secretion bottle serves as a secretion safety and must be immediately replaced if it is wet or dirty.
- When inserting the bacterial filter, take care that the blue line on the filter paper is on top.
- The bypass bore and propellant gas outlet must always be free since the fine vacuum adjustment would otherwise be impaired.
- Do not forcibly close needle valve or quick-action valve: the valve seat may be damaged.
- Never use tools for connecting the accessories; all connections can be tightened or loosened by hand.
- The unit meets the basic requirements of the Medical Products Directive 93/42/ECC; Classification: IIa; DIN EN ISO 10079-3
- Suction units should only be operated by personnel trained in their use.



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## Operation

The portable units are fastened on a medical instruments rail; vacuum or compressed air is supplied via a hose connection.

Prior to plugging the unit into the gas outlet, close the needle valve and the quick-action valve of the vacuum or the compressed air regulator.

Open the quick-action valve entirely (turn by 180°) and adjust the desired vacuum with the needle valve. Suction can be interrupted any time with the quick-action valve without changing the set value.

After use, close the needle valve and the quick-action valve. The plug can remain in the gas outlet, preferably in park position.

## Overflow bottle

Connect overflow bottle to the vacuum regulator or compressed air regulator, respectively. Fasten silicone hose to the outlet nozzle and the green color-coded secretion bottle inlet.

During use, pay attention to the maximum filling level allowed (the unit has an overflow safety)! After use, separate overflow bottle from vacuum regulator; drain and disinfect bottle.

## Service/Maintenance

External disinfection with a cloth is sufficient for all chrome-plated brass parts. Sterilize overflow bottle at 134°C. Let equipment dry completely before using it again.

Prior to each use, make a visual check of the units (external damage). The silencer wadding in the compressed air ejector should be checked annually for contamination and replaced as needed. The units should be serviced at least every five years (function and leak test). Failures and damages may only be remedied by authorized expert personnel. For repairs, use only original GREGGERSEN spare parts!

## Spare parts:

110.136	TPX secretion bottle 1.25 liter
110.140	TPX bottle lid
110.160	Bacterial filter
110.48	
110.49	
110.50	Sterile filter for compressed air ejector
100.122	Silencer wadding

