



SCHNITZLER[®]

Rettungsprodukte GmbH & Co.KG



Instructions for use

MULTI-CHAMBER VACUUM MATTRESSES



For the safe use of this product, please read and follow these instructions **for use before using it for the first time**. These instructions for use apply to the following products:

REF

● **813 K(-H+)**

● **816 K-TV(-H+)**

● **814 K(-H+)**

● **824 K-TV(-H+)**

● **820 K(-H+)**

● **826 K-H+**



Instruction for use

CONTENT		S.
Directions for use		1
Four-chamber vacuum mattresses		1
1.	Intended purpose and intended use of the medical device	3
2.	General safety instructions and special handling conditions	3
3.	Intended patient target groups	3
4.	Permissible locations	3
5.	Restrictions of use / contraindications	4
6.	Any unwanted side effects when using the product	4
7.	Installation and maintenance instructions	4
8.	Cleaning and disinfection instructions	4
9.	Application notes and technical data	4
9.1	Application Notes Four-Chamber Vacuum Mattresses	5
10.	Possible disorders during examinations and treatments	6
11.	Storage	6
12.	Permissible operating conditions	6
13.	Combination of medical devices	6
14.	Service life	6
15.	Guarantee	6
16.	Disposal instructions	6
17.	Economic operators	6

The contents of this user manual are protected by copyright.

Any use, even in extracts, requires written permission.

Instruction for use

Product: Multi-chamber vacuum mattress

Accessories: Art.608 (foot pump)
Art. 602 (spare valve)
Art. 604 (repair kit)

Item No.	Metrics	Patient weight, max.	Longitudinal stabilizers	Cervical support	Leg stabilization	Chin and forehead strap	Handles	Weight
820 K(-H+)	200 x 82 cm	150 kg					8	6000 g
813 K(-H+)	200 x 82 cm	150 kg	•				8*	6300 g
814 K(-H+)	200 x 82 cm	150 kg	•		•		8*	6760 g
816-TV(-H+)	200 x 98 cm	150 kg	•	•		•	12*	7020 g
824-TV(-H+)	200 x 98 cm	150 kg	•	•	•	•	12*	7480 g
826 K-H+	200 x 98 cm	150 kg		•		•	10	6900 g

(-H+) = Hygienepius strapping

* Handles, unscrewable

1. Intended purpose and intended use of the medical device

The product at hand is a multi-chamber vacuum mattress. Manufacturer of the product is the company Schnitzler Rettungsprodukte GmbH & Co. KG. The product is used as a vacuum mattress and is used to transport sick or injured persons who require immobilization due to fractures of the head, spine or femur as well as traumatic brain injury or polytrauma by the responsible rescue services from the scene of the incident to the time they are placed on a stretcher and from the stretcher to the position on the treatment table.

The multi-chamber vacuum mattress is available in different versions. For the exact details, please refer to the overview table. (see above) The maximum load capacity is set to 150 kg set.

The patient is gently placed on the vacuum mattress, if necessary with the help of a shovel stretcher. After removing the scoop support, the vacuum mattress is pre-modelled with the valve open with the help of the fixing straps. The suction pump is then connected to the open valve of the vacuum mattress. The vacuum mattress is adapted to the contours of the body. After the evacuation process has been completed and the valve has been closed, the fixing straps are finally tightened. The patient is now ready for promotion.

For proper use, the present instructions for use must be observed.

2. General safety instructions and special handling conditions

- **During the transport of the patient in the emergency service vehicle, the patient must be on the Stretcher must be secured by an applied patient restraint system in accordance with EN 1789.** The contours of the vacuum mattresses enable the patient restraint system to be applied quickly and in a patient-friendly manner.
- The product is intended for multiple use, after proper reprocessing.
- All serious incidents occurring in connection with the product must be reported to the manufacturer and the competent authority.

3. Intended patient target groups

- Children, adolescents and adults

4. Permissible locations

- Patient transport in the rescue service and patient transport

Instruction for use

5. Restrictions on use/contraindications

- There are no known existing risks of use or contraindications if the instructions in the instructions for use are followed.

6. Any unwanted side effects when using the product

- No undesirable side effects are expected when the product is used as intended.
- The product must only be used in proper and undamaged condition.



7. Installation and maintenance instructions

- **If the vacuum mattress is noticeably damaged, it must not be used any further.**
- It must be repaired before another operation. For repair and proper repair, it must **be sent to Schnitzler Rettungsprodukte** in a disinfected state.
- The vacuum mattress must not be damaged by pointed or sharp-edged objects. When placing the vacuum mattress at the place of use, care must be taken to ensure that the surface is as clean as possible. Stones, shards or the like should be removed beforehand.
- The product is suitable for reuse. After use, the product must be maintained. (see section Cleaning and disinfection instructions) and for externally recognizable damage. **In particular, the evacuation function and the carrying handles must be checked for damage.** If the vacuum mattress does not show any damage, it is ready for reuse.

8. Cleaning and disinfection instructions

- For light soiling, the use of a simple soap solution is recommended for cleaning.
- For special disinfection of our products, only commercially available disinfectants may be used, in accordance with the specifications of the respective manufacturer. In addition, we would like to ask you to be aware of any interactions with different disinfectants.
- We advise against disinfectants whose ingredients contain pure hydrogen peroxide.
- The disinfectants listed in the "Disinfectant Recommendation for SCHNITZLER Products" have been classified as harmless in relation to our products.
The list is available for download at: <https://schnitzler-rettungsprodukte.de>.
- Use disinfectants only in accordance with the specifications of the respective manufacturer. In the event of overdose, no liability is assumed for damage to the material.

9. Application notes and technical data



Specifications:	
Vacuum mattress material:	PVC Flat Fabric (Bottom Material) Special Film (Outer Material)
Material Handle:	PVC hose, grooved
Filling:	Granule
Made in Germany - A quality product from the Rhineland	

9.1 Application Notes for Multi-Chamber Vacuum Mattresses



In order to ensure safe patient transport, it is recommended to operate the vacuum mattress with at least **3 rescue specialists**. (2 rescue specialists on the side of the head and torso, 1 rescue specialist in the foot area of the patient)



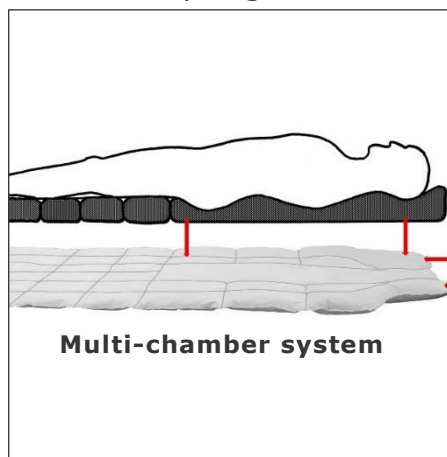
Lay out vacuum mattress-
Open the valve and fixing
straps



If necessary, place the patient on a vacuum mattress with a shove stretcher. Close the fixation straps and, if available, chin and forehead straps. Suction via open valve start and the mattress to the patient's body. For models with integrated leg stabilisation, model them in the leg area. Finally, tighten the fixation straps again.



During transport, **the patient must be secured with a patient restraint system.**



with laterally integrated
longitudinal stabilizers



The multi-chamber system guarantees an even distribution of the granules. An elongated chamber in the area of the spine provides maximum stability in this area. The models with additional cervical support and lateral longitudinal stabilizers almost reach spineboard level.



With the 820 K(-H+) and 826 K-H+ models, care must be taken to ensure that the welded handles **are not** pulled towards the welded surfaces.

Instruction for use

10. Possible disorders during examinations and treatments

- The SCHNITZLER multi-chamber vacuum mattress is basically suitable for CT, MRI and X-ray examinations. Artifacts may appear in the X-ray image.

11. Storage/Storage

- Storage temperatures min. 15° C / max. 26° C (taking into account "**12th permissible operating conditions**")
- Store in a dry place
- Store protected against contamination and damage

12. Permissible operating conditions

- Both during operation and for storage, temperatures of -20 °C to +50° C should **not be permanently** exceeded or undercut.
- Permanent means: uninterrupted storage or use for more than 24 hours outside the specified temperature range.
- In this case, a functional test of the product must be carried out before the next use.
- Rain, snow and storms are harmless to the equipment



13. Combination of medical devices

- The SCHNITZLER multi-chamber vacuum mattress can be used for patient transport on all common stretcher models and in conjunction with all patient restraint systems that meet the crash test requirements in accordance with the applicable regulations.
- See "**2. General safety instructions and special handling conditions**" and "**5. Restrictions/contraindications**"

14. Service life

- If the instructions for use are followed, 7 years are recommended for the service life of the SCHNITZLER multi-chamber vacuum mattresses.

15. Guarantee

- If our products are handled properly, we provide a warranty of 24 months.

16. Disposal instructions

- For the sake of the environment: Dispose of the item in accordance with applicable laws and regulations. You can obtain information from your municipal or city administration.
- The product must be disinfected before disposal.

17. Economic operators



Manufacturer:

SCHNITZLER Rettungsprodukte GmbH &
Co.KG Rudolf-Diesel-Straße 7
DE-53859 Niederkassel
Tel: +49 (0)228 971 18 97
E-mail: info@schnittzler-rettungsprodukte.de
Internet: www.schnittzler-rettungsprodukte.de



Authorized
Representative/Importer
CH: **AMBU-Tech AG**
Lettenstraße 6c CH-6346
Rotkreuz Phone: +41
417904242 E-mail:
info@ambu-tech.ch



Authorized Representative UK:
Johner Medical UK Limited
5th Floor Quartermile Two 2 Lister Square
Midlothian EH9GL/ Edinburgh EH3 9GL
Scotland, United Kingdom
Tel: +49 176 45934225
E-Mail: margarita.r@johner-medical.com