

ATMOS® S 042 NPWT

Negative Pressure Wound Therapy



USER FRIENDLY
SELF-EXPLANATORY
RELIABLE

Negative Pressure Wound Therapy

A therapy with new approaches

For many indications in the areas of chronic and traumatic wounds the NPWT offers new ways to successful treatment.



Aim of the treatment:

- Stimulation of the granulation tissue
- Improvement of the blood circulation
- Reduction of wound oedema
- Active drainage of wound secretion
- Reduction of wound infections
- Wound conditioning
- A minimization of cross infections

Indications

- The ATMOS® negative pressure systems are mobile suction devices for the NPWT. The systems are suitable for the long term application on humans. They are portable, mains-independent and have an electronic monitoring function with an optical and acoustic status display.
- The application of the ATMOS® NPWT system is indicated for patients who will benefit from the controlled negative pressure and as a result achieve the desired wound healing. In particular this could be an advantage for patients who require drainage with negative pressure for the removal of infected materials with continuous or intermittent negative pressure.
- For the following types of wounds a treatment with the ATMOS® NPWT in connection with the VivanoMed® wound dressing is recommended: for chronic, acute, traumatic and dehiscent wounds, ulcers (e.g. pressure and diabetic ulcers) transplants and burns.

Chronic wounds	before	after
Ulcus cruris		
Diabetic foot syndrom		
Decubitus		

Acute wounds	before	after
Traumatic wound		
Surgical wound		

ATMOS® S 042 NPWT

User friendly, self-explanatory, reliable

Quiet often everyday life is made difficult due to unnecessary barriers

- Complicated application
- None / not enough user guidance
- Inadequate therapy control
- Badly coordinated components
- High false alarm rates

We offer the solution!



User friendly:

A user friendly design with sophisticated details turns application into child's play. Due to the light and compact design and the large scope of services, the ATMOS® S 042 NPWT is suitable for both in-patient and mobile application.

Self explanatory:

Simple operation due to the perfectly designed operating control. The intuitive user-menu enables a quick and professional handling of the negative pressure system.

Reliable:

Innovative "high quality technology" guarantees a long and reliable operation of the negative pressure system.

Automatic key lock

Day and night mode

Touchscreen

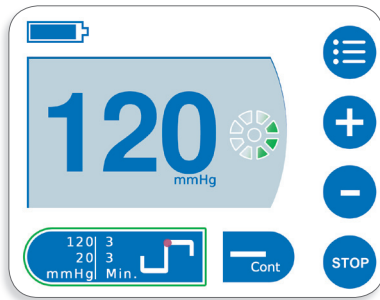
Intermittent mode

Extensive carefree package

Automatic dressing detection

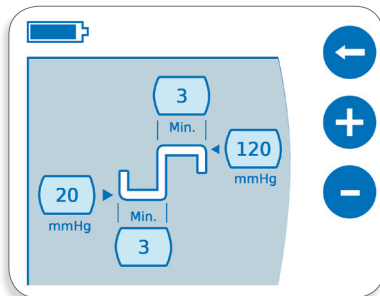


The simplest application at a glance



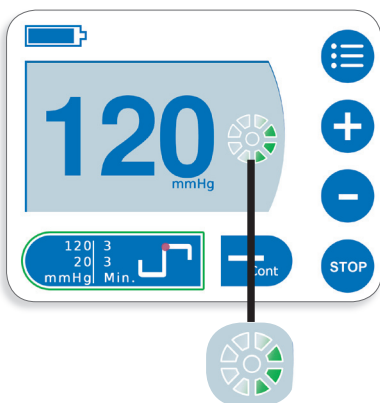
Touchscreen

The touchscreen is high resolution and enables you to easily adjust and overlook the therapy relevant settings.



Variable intermittent-mode

A further optimization of the ATMOS® S 042 NPWT is the variable intermittent mode. This allows you to determine the individual intermittent mode for each patient.



The exact pressure measurement at the patient

The ATMOS® S 042 NPWT enables an optimum therapy control due to the exact pressure measurement directly on the wound. The impermeability of the bandage is immediately indicated.



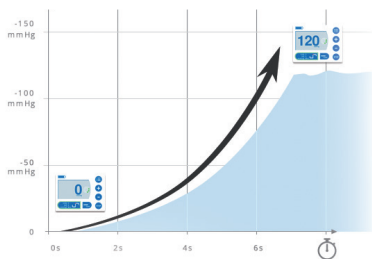
Day/night sensor (DNS)

The day/night sensor enables the patients to get a good night's rest. The device adjusts automatically to the environmental lighting.



The ATMOS carefree package

Put an end to indefinable alarms and put an end to uncertainty. At a glance the intelligent ATMOS system shows you any errors and their possible causes.



Gentle negative pressure

Optimum comfort for the patient due to the gentle build-up of negative pressure. Less pain leads to a higher acceptance among the patients.



Canister exchange

The trick with the click!
Only one hand is needed to exchange the canister.
There is a choice of two canisters 300ml and 800ml.



Mobile versus inpatient

Due to the various sizes of the canister and the perfect fitting carrying strap this system is suitable for the mobile and inpatient application.

The optimum wound care

Studies prove – stimulating and absolutely clean

External studies have proven that the sponge encourages the cell formation and granulation of the tissue in the wounds.

The sponge barely sticks to the wound therefore leaving no sponge residue.



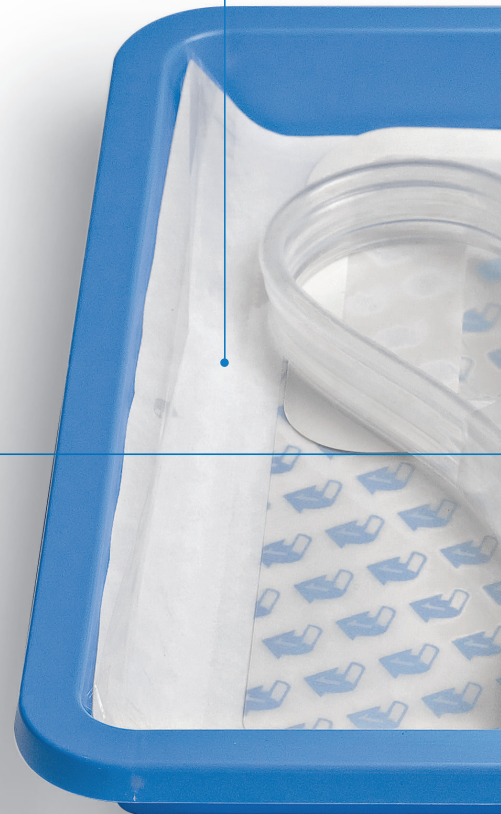
Hydrofilm®

In order to achieve an effective therapy a reliable sealing is absolutely essential. Considering the special adhesive properties of the hydrofilm®, an excellent impermeability is guaranteed.



Plug connection

Dressing kit and vacuum pump are connected to one another via a plug connection.



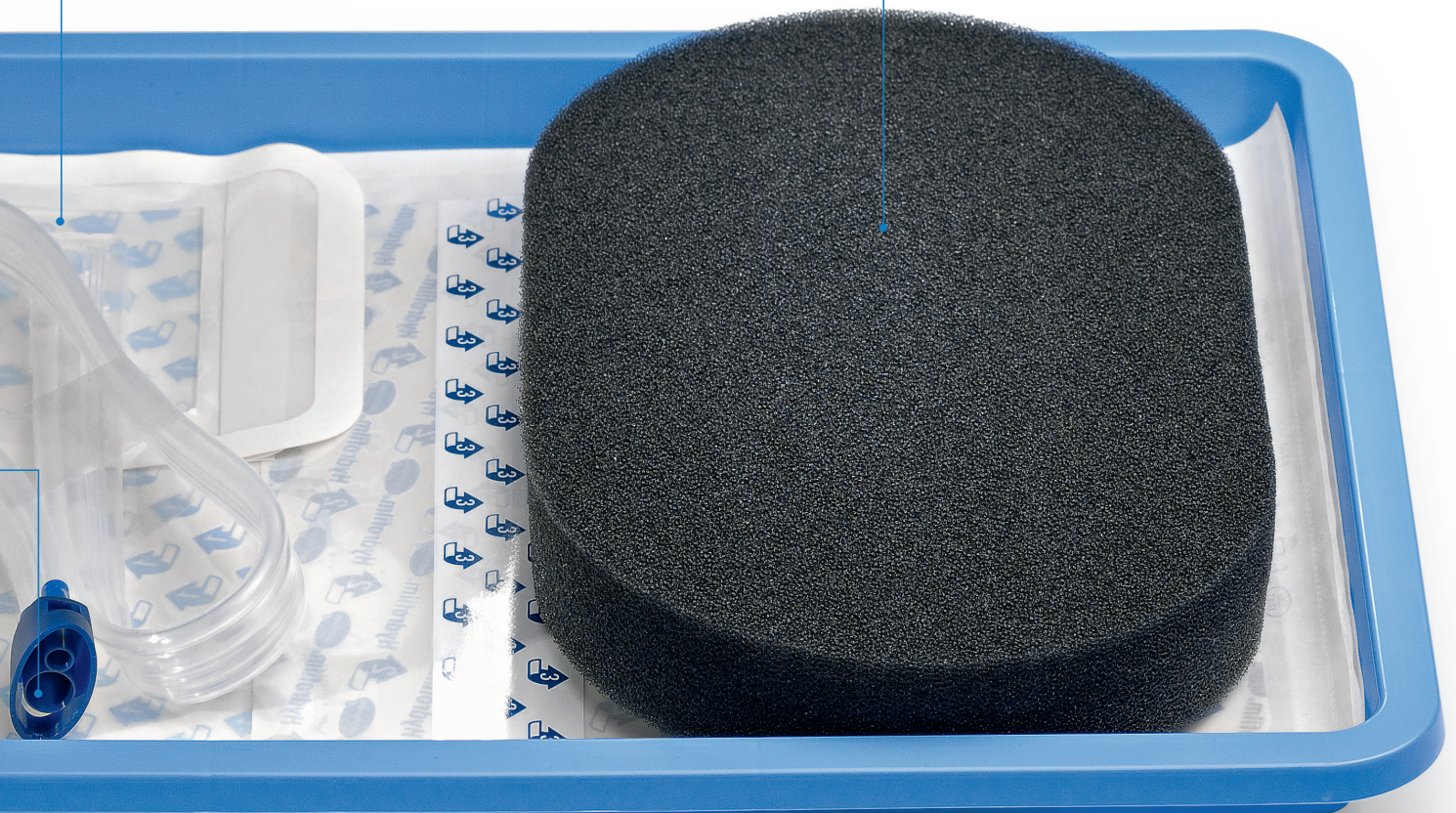
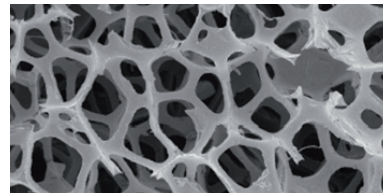
VivanoTec® Port

VivanoTec® Port guarantees an exact pressure measurement directly on the wound. Due to the flexible and soft silicone the application and wearing comfort is greatly improved.

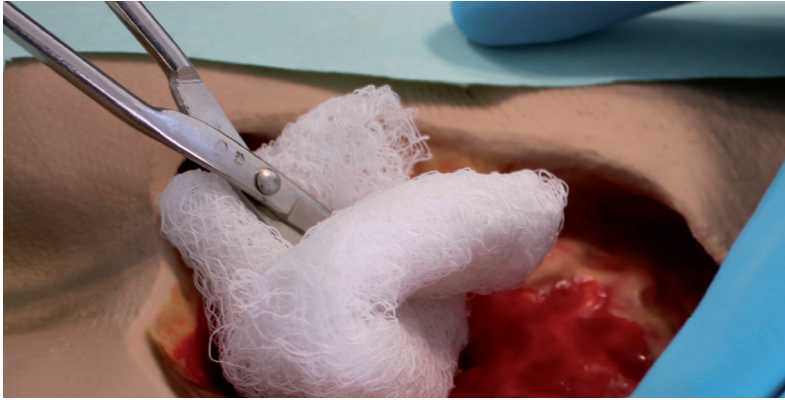


VivanoMed® Foam

The fine-pored, anti-allergenic VivanoMed® Foam is so flexible that it even adapts to irregular wound edges. Due to the open pored structure the pressure is easily spread over the sponge and encourages an effective therapy.



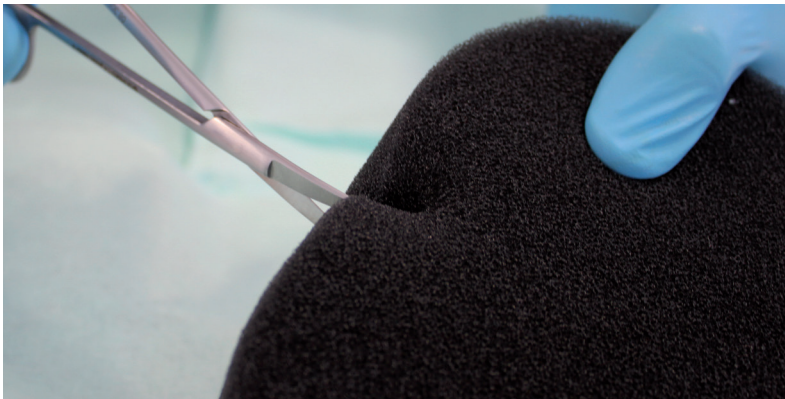
Applying the dressing kit



Step 1:

Cleaning the wound

The wound must be thoroughly cleansed with saline and dab dry the surrounding skin. Ensure that the affected skin area is greasefree before applying the dressing.



Step 2:

Cutting the foam

Cut the VivanoMed® Foam with sterile scissors so that it fits the size and shape of the wound to be treated and introduce it into the wound.



Step 3:

Fixation of the foil

Start to cover the wound by removing the backing paper no. 1. It must be ensured that the film dressing covers at least 5 cm of intact skin all around the wound.



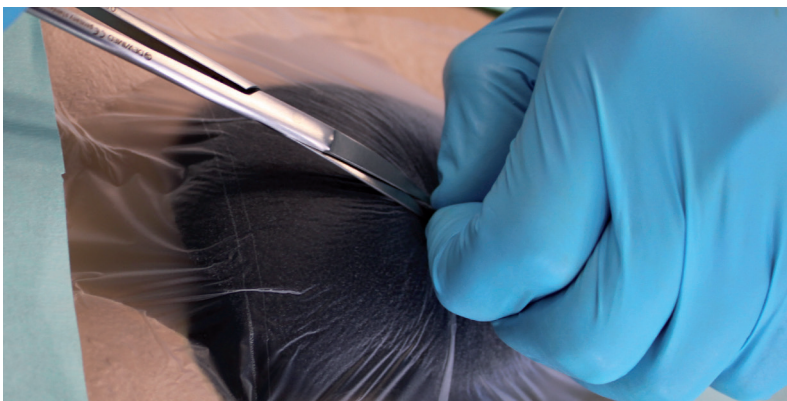
For final fixation of the Hydrofilm® remove backing paper no. 2.



Remove protective strip no. 3.

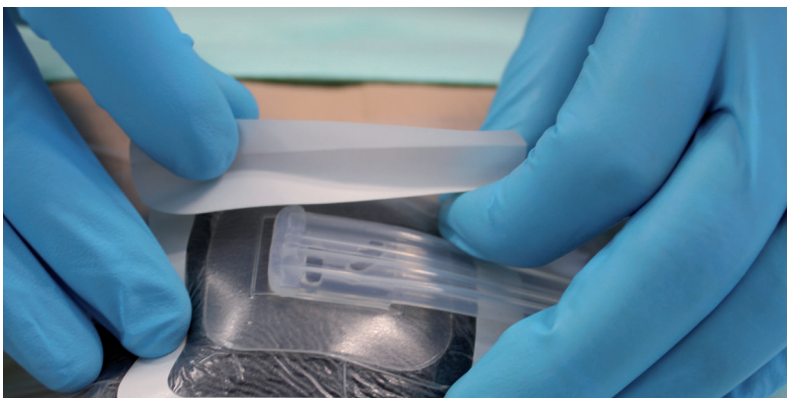


Finally remove silicone strip no. 4.



Step 4: Attaching the Port

Prepare the application of VivanoTec® Port by cutting a hole measuring approx. 2-4 cm in diameter into the film and make sure that the foam material is not perforated.



Remove one protective paper and place the port, with the centre of the port precisely above the prepared hole.

After that remove the remaining protective foils.

Finally connect the VivanoTec® Port with the secretion canister and start the therapy.

ATMOS® S 042 NPWT & dressing kits

Below you can find the order information of our products.
For further questions, please contact our sales department:
Phone: +49 7653 689-374

ATMOS® S 042 NPWT	REF
Portable mains-independent wound drainage suction unit, airflow rate of pump: 4 l/min [1] Included in delivery: Power cable, charging power pack for 100 - 240 V~, 50/60 Hz, shoulder carrying strap, operating instructions	316.0000.0
Dressing kits	REF
VivanoMed® Foam Kit S; VE 5 [2] 5 Wound dressing kits for ATMOS® S 042 NPWT. consisting of: 1x VivanoTec® Port, 2x Hydrofilm®, 1x VivanoMed® Foam 10 x 7.5 x 3.3 cm	314.1500.0
VivanoMed® Foam Kit M; VE 5 [3] 5 Wound dressing kits for ATMOS® S 042 NPWT. consisting of: 1x VivanoTec® Port, 2x Hydrofilm®, 1x VivanoMed® Foam 18 x 12,5 x 3,3 cm	314.1510.0
VivanoMed® Foam Kit L; VE 5 [4] 5 Wound dressing kits for ATMOS® S 042 NPWT. consisting of: 1x VivanoTec® Port, 2x Hydrofilm®, 1x VivanoMed® Foam 26 x 15 x 3,3 cm	314.1520.0
VivanoMed® Foam Kit XL; VE 5 [5] 5 Wound dressing kits for ATMOS® S 042 NPWT. consisting of: 1x VivanoTec® Port, 2x Hydrofilm®, 1x VivanoMed® Foam 60 x 30 x 1,6 cm	314.1530.0
VivanoMed® Foam Kit Thin; VE 5 [6] 5 Wound dressing kits for ATMOS® S 042 NPWT. consisting of: 1x VivanoTec® Port, 2x Hydrofilm®, 1x VivanoMed® Foam 26 x 15 x 1,6 cm	314.1550.0
VivanoMed® Foam Kit Round; VE 5 [7] 5 Wound dressing kits for ATMOS® S 042 NPWT. consisting of: 1x VivanoTec® Port, 2x Hydrofilm®, 1x VivanoMed® Foam 12,5 x 3,3 cm	314.1540.0
VivanoMed® Abdominal Kit, VE 1 An abdominal wound dressing kit for ATMOS® S 042 NPWT. Consisting of: [8] 1 x VivanoTec® Port 6 x Hydrofilm® 20 x 30 cm 2 x VivanoMed® Foam 38 x 25 x 1.6 cm 1x VivanoMed® abdominal organ protection layer	314.1650.0

VivanoTec®, VivanoMed® and Hydrofilm® are registered trademarks of the Paul Hartmann AG.



1 REF 316.0000.0



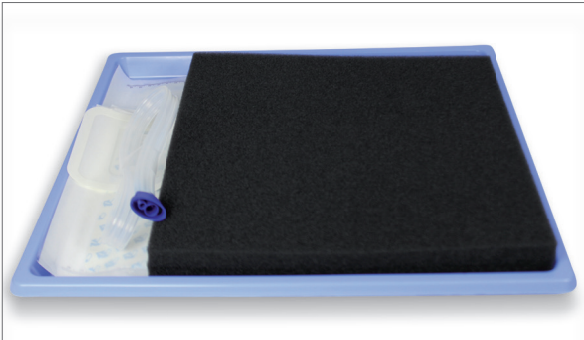
2 REF 314.1500.0



3 REF 314.1510.0



4 REF 314.1520.0



5 REF 314.1530.0



6 REF 314.1550.0



7 REF 314.1540.0



8 REF 314.1650.0

Accessories & Consumables

Below you can find the order information of our products.
For further questions, please contact our sales department:
Phone: +49 7653 689-374

Accessories ATMOS® S 042 NPWT	REF
1 Bed support for ATMOS® S 042 NPWT	316.0200.0
2 Shoulder strap for ATMOS® S 042 NPWT	316.1100.0
Device case	on request
Consumables	REF
3 Secretion canister 300 ml NPWT, transparent, sterile, 5 pcs. Sterile disposable suction canister with integrated overflow protection and gelling agent for more safety and hygiene.	316.1300.0
4 Secretion canister 800 ml NPWT, transparent, sterile, 5 pcs. Sterile disposable suction canister with integrated overflow protection and gelling agent for more safety and hygiene.	316.1400.0
5 Hydrofilm®, 20 x 30 cm, VE 10 Self-adhesive, transparent film dressing, sterile Made of a semi-permeable polyurethane film which is impermeable to germs and waterproof; with hypoallergenic adhesive, it can be removed without wound irritation.	314.1620.0
5 Hydrofilm®, 10 x 12,5 cm, VE 10 Self-adhesive, transparent film dressing, sterile Made of a semi-permeable polyurethane film which is impermeable to germs and waterproof; with hypoallergenic adhesive, it can be removed without wound irritation.	314.1630.0
6 VivanoMed® Foam L; VE 5 5 Polyurethan Schaumverbände für die Unterdruck-Wundbehandlung. 26 x 15 x 3,3 cm.	314.1560.0
7 VivanoMed® Foam M; VE 5 5 Polyurethan Schaumverbände für die Unterdruck-Wundbehandlung. 18 x 12,5 x 3,3 cm	314.1570.0
8 VivanoMed® Foam S; VE 5 Polyurethan Schaumverband für die Unterdruck-Wundbehandlung. 10 x 7,5 x 3,3 cm	314.1580.0
9 VivanoTec® Port small; VE 5 5 small port systems for negative pressure treatment.	314.1590.0
10 VivanoTec® Port; VE 5 5 port systems for negative pressure treatment.	314.1600.0
11 VivanoTec® Y-Connector, VE3, 3 Y-Connectors for negative pressure wound treatment.	314.1610.0



1 REF 316.0200.0



2 REF 316.1100.0



3 REF 316.1300.0



4 REF 316.1400.0



5 REF 314.1620.0 / 314.1630.0



6 REF 314.1560.0



7 REF 314.1570.0



8 REF 314.1580.0



9 REF 314.1590.0



10 REF 314.1600.0



11 REF 314.1610.0



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