ATMOS Wound Therapy

The choice is yours!
ATMOS S 041 Wound
ATMOS S 042 NPWT
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 ATMOS wound dressing is recommended: for chronic, acute, traumatic and dehiscent wounds, ulcers (e.g. pressure and diabetic ulcers) transplants and burns.
<table>
<thead>
<tr>
<th>Chronic wounds</th>
<th>before</th>
<th>after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ulcus cruris</td>
<td><img src="image1" alt="Ulcus cruris before" /> <img src="image2" alt="Ulcus cruris after" /></td>
<td></td>
</tr>
<tr>
<td>Diabetic foot syndrom</td>
<td><img src="image3" alt="Diabetic foot syndrom before" /> <img src="image4" alt="Diabetic foot syndrom after" /></td>
<td></td>
</tr>
<tr>
<td>Decubitus</td>
<td><img src="image5" alt="Decubitus before" /> <img src="image6" alt="Decubitus after" /></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute wounds</th>
<th>before</th>
<th>after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traumatic wound</td>
<td><img src="image7" alt="Traumatic wound before" /> <img src="image8" alt="Traumatic wound after" /></td>
<td></td>
</tr>
<tr>
<td>Surgical wound</td>
<td><img src="image9" alt="Surgical wound before" /> <img src="image10" alt="Surgical wound after" /></td>
<td></td>
</tr>
</tbody>
</table>
The ATMOS Wound suction Devices

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

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.
Do you desire more flexibility?
- Only a sponge?
- Only gauze?
- Commitment to one manufacturer?
- Expensive consumables?
- No freedom of choice?

Now the choice is yours!
- No further commitment to the manufacturer
- Freedom of choice for consumables
- Full cost control
ATMOS S 042 NPWT
The simplest application at a glance

1 // 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.

2 // 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.

3 // 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.

4 // Mobile versus inpatient

Due to the various sizes of the container and the perfect fitting carrying strap this system is suitable for the mobile and inpatient application.
The touchscreen is high resolution and enables you to easily adjust and overlook the therapy relevant settings.

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

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.

The trick with the click! Only one hand is needed to exchange the container. There is a choice of two containers 300ml and 800ml.
The optimum wound care ready for use.

1 // 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.

2 // 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.
**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.

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

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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.
ATMOS S 041 Wound
The solution for more freedom of movement

1 // Intermittent function
The intermittent function makes it possible to adjust the periods of active suction control and of no active suction separately. This permanent alternation encourages blood flow and with it granulation of the tissue is improved.

2 // Control
The microprocessor-controlled vacuum fine-adjustment provides for a constant negative pressure. A highly sensitive, microprocessor controlled sensor measures permanently whether the vacuum values set on the ATMOS S 041 Wound is actually applied. An adjustment is made at once if the value is not compliant.

3 // Cost efficient
Due to the external mains adapter the ATMOS engineers have created several advantages for the patient.

- the weight of the ATMOS S 041 Wound was reduced to ca. 2kg
- the charging time for the battery was reduced and
- the battery life increased.
4 // Key lock

If the device has been parameterised, it will be locked manually by the nursing staff. If this has been forgotten, the device will lock automatically after a specific time and can then only be made accessible again by specially trained personnel.

5 // Safety

If the vacuum drops below a pre-defined critical range, the alarm will be activated immediately.

6 // Flexibility

The ATMOS system enables you to freely choose consumables e.g. containers.

- Receptal®
- Serres®
- MediVac®
Applying the gauze dressing

We provide you dressing kits that are tailor-made to your needs, at an extremely fair price for the ATMOS S 041 Wound which contain all necessary components for the wound.

The Dressing kits are different regarding the type of drain and the quantity of the individual components!

The optimum treatment of wounds

The Dressing Kit that is supplied together with the ATMOS S 041 Wound contains all components that the nursing staff requires for the treatment of wounds.

The insertion of the drain in itself is extremely simple and comfortable:

1. Cleansing of wounds in accordance with the relevant clinical standards and directives.

2. Cut the non-adherent dressing to the size of the wound.

3. Insertion of the salinesaturated gaze in the wound.
4. Positioning of the drainage tube tailor-made to match the wound. C.

5. Fixation of the drainage tube by means of adhesive mass. E.

6. Complete filling of the wound bed with saline-saturated gauze. G.

7. Generous application of the transparent film. B.

8. Air-tight sealing of the exit port of the drain by means of x-shaped attachment of the waterproof adhesive strip. D.

9. Connection to the connecting hose of the ATMOS S 041 Wound A. After the Dressing Kit has been positioned correctly in the wound, the drainage tube must only be connected to the connecting hose of the ATMOS S 041 Wound and if required vacuum values and intermittent intervals must be adjusted - that’s it!
# ATMOS S 042 NPWT

## Accessories & Consumables

### ATMOS S 042 NPWT

- **Portable mains-independent wound drainage suction unit**, airflow rate of pump: 4 l/min
- Included in delivery: Power cable, charging power pack for 100 - 240 V~, 50/60 Hz, shoulder carrying strap, operating instructions

<table>
<thead>
<tr>
<th>REF</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>316.0000.0</td>
<td><strong>Portable mains-independent wound drainage suction unit</strong></td>
</tr>
<tr>
<td></td>
<td>Airflow rate of pump: 4 l/min</td>
</tr>
<tr>
<td></td>
<td>Included in delivery: Power cable, charging power pack for 100 - 240 V~,</td>
</tr>
<tr>
<td></td>
<td>50/60 Hz, shoulder carrying strap, operating instructions</td>
</tr>
</tbody>
</table>

### Accessories

- **Bed support**
  - REF: 316.0200.0

- **Device case**
  - On request

- **Shoulder strap**
  - REF: 316.1100.0

### Dressing Kits

- **VivanoMed® Foam Kit S; VE 5**
  - 5 Wound dressing kits for ATMOS S 042 NPWT.
  - Consisting of:
    - 1x VivanoTec® Port
    - 1x Hydrofilm
    - 1x VivanoMed® Foam 10 x 7.5 x 3.3 cm
  - REF: 314.1500.0

- **VivanoMed® Foam Kit M; VE 5**
  - 5 Wound dressing kits for ATMOS S 042 NPWT.
  - Consisting of:
    - 1x VivanoTec® Port
    - 1x Hydrofilm
    - 1x VivanoMed® Foam 18 x 12.5 x 3.3 cm
  - REF: 314.1510.0

- **VivanoMed® Foam Kit L; VE 5**
  - 5 Wound dressing kits for ATMOS S 042 NPWT.
  - Consisting of:
    - 1x VivanoTec® Port
    - 1x Hydrofilm
    - 1x VivanoMed® Foam 25 x 15 x 3.3 cm
  - REF: 314.1520.0

- **VivanoMed® Foam Kit XL; VE 5**
  - 5 Wound dressing kits for ATMOS S 042 NPWT.
  - Consisting of:
    - 1x VivanoTec® Port
    - 1x Hydrofilm
    - 1x VivanoMed® Foam 60 x 30 x 1.6 cm
  - REF: 314.1530.0

- **VivanoMed® Foam Kit Thin; VE 5**
  - 5 Wound dressing kits for ATMOS S 042 NPWT.
  - Consisting of:
    - 1x VivanoTec® Port
    - 1x Hydrofilm
    - 1x VivanoMed® Foam 26 x 15 x 1.6 cm
  - REF: 314.1550.0

- **VivanoMed® Foam Kit Round; VE 5**
  - 5 Wound dressing kits for ATMOS S 042 NPWT.
  - Consisting of:
    - 1x VivanoTec® Port
    - 1x Hydrofilm
    - 1x VivanoMed® Foam 12.5 x 3.3 cm
  - REF: 314.1540.0
<table>
<thead>
<tr>
<th>Consumables</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMOS S 042 NPWT secretion canister 300ml</td>
<td>316.1300.0</td>
</tr>
<tr>
<td>ATMOS S 042 NPWT secretion canister 800ml</td>
<td>316.1400.0</td>
</tr>
<tr>
<td>Y- Connector</td>
<td>on request</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Spare parts</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mains cable</td>
<td>008.0866.0</td>
</tr>
<tr>
<td>Charging device</td>
<td>313.0080.0</td>
</tr>
<tr>
<td>Belt loop</td>
<td>316.1110.0</td>
</tr>
</tbody>
</table>
# ATMOS S 041 Wound

## Consumables

<table>
<thead>
<tr>
<th>Product Description</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable, battery operating wound drainage suction device, air-flow rate of pump: 8 l +/- 1 l/min. Included in delivery: mains cable, charging cable for 110 - 240 V~, 50/60 Hz, connection hose secretion canister and 1 Serres® suction bag 1 l, with integrated overflow valve filter, operating manual</td>
<td>312.0970.0</td>
</tr>
<tr>
<td>ATMOS S 041 Wound / MediVac®</td>
<td>312.0965.0</td>
</tr>
<tr>
<td>ATMOS S 041 Wound / Receptal®</td>
<td>312.0955.0</td>
</tr>
</tbody>
</table>

## Accessories

<table>
<thead>
<tr>
<th>Product Description</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device support for Atmoport N / ATMOS S 041 with rotatable holder for attaching the unit to standard rail, to a stand, patient's bed, wheel chair etc.</td>
<td>312.0852.0</td>
</tr>
<tr>
<td>Shoulder-bag, black, Dimensions (H x W x D) 280 x 290 x 110 mm</td>
<td>312.0650.0</td>
</tr>
<tr>
<td>Medi-Vac® external canister 1 l</td>
<td>312.0473.0</td>
</tr>
<tr>
<td>Serres® external canister 1 l</td>
<td>312.0465.0</td>
</tr>
<tr>
<td>Receptal® external canister 1 l</td>
<td>312.0464.0</td>
</tr>
<tr>
<td>Hose connector, 6 to 8 mm</td>
<td>000.0361.0</td>
</tr>
<tr>
<td>Suction hose, silicone, Ø 6 mm, L = 2 m, 1 pc AUToclavable at 134 °C, change: after 20 x autoclaving</td>
<td>000.0841.0</td>
</tr>
</tbody>
</table>
### Dressing Kits, round drainage 10 FR

<table>
<thead>
<tr>
<th>Description</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMOS Dressing Kit (small) with round drainage 10 FR</td>
<td>314.0004.0</td>
</tr>
<tr>
<td>Included in delivery per dressing kit (25 pcs.):</td>
<td></td>
</tr>
<tr>
<td>10 FR round hose drainage, bioclusive wound dressing 4.5 x 7 cm,</td>
<td></td>
</tr>
<tr>
<td>bioclusive wound dressing 20.3 x 25.4 cm, skin barrier no-sting wipe,</td>
<td></td>
</tr>
<tr>
<td>2 modudose saline, oil emulsing nonadhesive dressing 7.6 x 20.3 cm,</td>
<td></td>
</tr>
<tr>
<td>Kerlix AMD gauze compress, Coloplast ostomy strips,</td>
<td></td>
</tr>
<tr>
<td>4 adhesive strips, lineal, operating manual</td>
<td></td>
</tr>
</tbody>
</table>

- 10FR Round Drain Dressing Kit Small, VE25                                | 314.0032.0 |
- ATMOS Dressing / canister set (small) with round hose drainage           | 312.0484.0 |

### Dressing Kits, round drainage 19 FR

<table>
<thead>
<tr>
<th>Description</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>19FR Round Drain Dressing Kit Small, VE25</td>
<td>314.0030.0</td>
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<tr>
<td>19FR Round Drain Dressing Kit Medium, VE25</td>
<td>314.0040.0</td>
</tr>
<tr>
<td>19 FR Round Drain Dressing Kit Large, VE25</td>
<td>314.0050.0</td>
</tr>
<tr>
<td>19 FR Round Drain Dressing Kit XLarge, VE25</td>
<td>314.0060.0</td>
</tr>
<tr>
<td>ATMOS Dressing-Kit (big) with round drainage 19 FR</td>
<td>314.0005.0</td>
</tr>
<tr>
<td>ATMOS Dressing / canister set (big) with round hose drainage</td>
<td>312.0482.0</td>
</tr>
</tbody>
</table>
## ATMOS S 041 Wound Accessories & Consumables

### Dressing Kits, flat drainage 10 mm

<table>
<thead>
<tr>
<th>Product Description</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMOS Dressing Kit (small) with flat hose drainage 10 mm</td>
<td>314.0007.0</td>
</tr>
<tr>
<td>10 mm Flat Drain Dressing Kit Small, VE25</td>
<td>314.0031.0</td>
</tr>
<tr>
<td>10 mm Flat Drain Dressing Kit Medium, VE25</td>
<td>314.0041.0</td>
</tr>
<tr>
<td>ATMOS Dressing / canister set (small) with flat hose drainage</td>
<td>312.0483.0</td>
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</table>

### Dressing Kits, tunnel drainage 15 FR

<table>
<thead>
<tr>
<th>Product Description</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMOS Dressing Kit (small) with tunnel drainage 15 FR</td>
<td>314.0006.0</td>
</tr>
<tr>
<td>15 FR Channel Drain Dressing Kit Small, VE25</td>
<td>314.0033.0</td>
</tr>
<tr>
<td>ATMOS Dressing / canister set (small) with tunnel drainage</td>
<td>312.0481.0</td>
</tr>
<tr>
<td>Consumables</td>
<td>REF</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Medi-Vac® suction bag 1 l, not autoclavable, 50 pcs.</td>
<td>312.0474.0</td>
</tr>
<tr>
<td>Receptal® suction bag 1 l, not autoclavable, 50 pcs.</td>
<td>312.0463.0</td>
</tr>
<tr>
<td>Nipple for Receptal® canister, not autoclavable</td>
<td>312.0882.0</td>
</tr>
<tr>
<td>Serres® suction bag, 1 l, not autoclavable, 36 pcs. with angled connection</td>
<td>312.0466.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spare parts</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mains cable</td>
<td>008.0866.0</td>
</tr>
<tr>
<td>Charging device</td>
<td>313.0080.0</td>
</tr>
</tbody>
</table>
What does the ATMOS Financial Service have to offer?

- Consequent customer orientation: ATMOS puts special attention on the personal contact, the individual support and the professional consultation service.

- Requirements analysis: The ATMOS Financial Service guarantees innovative financial solutions to suit your own special needs.

- Full service: Costs such as service, transport, startup procedure, maintenance and insurance can be integrated as part of the finance agreement.

- Flexibility: Starting small today with an option to expand in the future and always keeping up to date with the latest technology.

Contact:
ATMOS MedizinTechnik GmbH & Co. KG
Ludwig-Kegel-Str. 12, 14–16, 18
79853 Lenzkirch

Further information: www.atmosmed.com