



Air ventilated systems for pressure relief



Optimal use of the right products.

In this issue you will find an overview of our core assortment of dynamic alternating pressure relief systems for ulcer pressure prophylaxis and therapy support.

Proven alternating pressure systems and new developments for the effective care of your patients.

To select the right product, several factors play a key role. Body weight, degree of illness, stages of pressure ulcers, various therapeutic options, different technical requirements, classifications and recommended applications were taken into consideration.

Your **ADL** GmbH

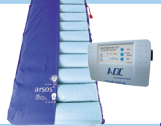
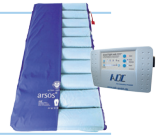




ADL in Münster



ADL in Amt Wachsenburg (Erfurt)

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General information · Stage Classification

Stage I

Sharply defined redness of intact skin. Indicating to an overheating of the skin, indurations or oedema occur. With people with dark skin this can manifest in discoloration of the skin.

Stage II

Partial loss of the epidermis to the dermis. It is a superficial ulcer, which can manifest to abrasion, blister or shallow crater.

Stage IV





Loss of entire skin tissue, with extensive tissue necrosis and damage to muscles, tendons and bones. Undermining and pocket-formation are very common.

Stage III

Damage to all layers of the skin (Epidermis, Dermis and Subcutis) up to the underlying fascia (soft under layer of connective tissue). Tissue below the fascia are not affected yet. Clinically, the ulcer appears as a deep injury with or without undermining of surrounding tissue.

Pressure relief systems

Product description	arsos® light	arsos® soft	arsos® plus	lenos® light
Art. No.	111 500-DL	111 540-DL-wds	111 550-DL-wds	111 350-NEU
Contents	<ul style="list-style-type: none"> · 1 large cell mattress arsos® light (10 cells) incl. tube connection · 1 PU-cover · 1 dexos® light wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet 	<ul style="list-style-type: none"> · 1 large cell mattress arsos® soft (10 cells) incl. tube connectors · 1 PU-cover · 1 dexos® light wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet 	<ul style="list-style-type: none"> · 1 large cell mattress arsos® plus (13 cells) incl. tube connectors · 1 PU-cover · 1 dexos® light wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet 	<ul style="list-style-type: none"> · 1 overlay mattress (2 chambers) incl. tube connectors · 1 PU-cover for fixation to foam mattress · 1 lenos® light-pump incl. cable · 1 clinisan-mattress incl. PU-cover · 1 User manual · 1 Service-check-leaflet
Available spare parts	<ul style="list-style-type: none"> · Spare pump dexos® light wds incl. cable Art. Nr. 111 203-DL-WDS · Spare cell Art. Nr. 111 503 · Spare cover PU, blue Art. Nr. 111 502 · User manual Art. Nr. 112 011-FO-GB · Blower (Electric compressor) Art. Nr. 110 520 · Transport bag Art. Nr. 110 530 	<ul style="list-style-type: none"> · Spare pump dexos® light wds incl. cable Art. Nr. 111 203-DL-WDS · Spare cell Art. Nr. 111 543 · Spare cover PU, blue Art. Nr. 111 542 · User manual, Art. Nr. 112 015-GB · Blower (Electric compressor) Art. Nr. 110 520 · Transport bag Art. Nr. 110 530 	<ul style="list-style-type: none"> · Spare pump dexos® light wds incl. cable Art. Nr. 111 203-DL-WDS · Spare cell Art. Nr. 111 553 · Spare cover PU, blue Art. Nr. 111 552 · User manual Art. Nr. 112 022-GB · Blower (Electric compressor) Art. Nr. 110 520 · Transport bag Art. Nr. 110 530 	Optional: <ul style="list-style-type: none"> · Spare pump incl. cable Art. Nr. 111 351 · PU-cover for fixation of the lenos® light foam mattress Art. Nr. 111 305 · User manual Art. Nr. 112 009-GB

System	Recommended patient weight (maximum)**			Recommended ulcer pressure stage	Function			Further indications			
	100 kg	150 kg	250 kg		Until stage IV	Soft-positioning	alternate & static	30°-positioning	Pain-therapy	Bariatric care	Cachexia-care
arsos® light 		●		●	●	●		●			●
arsos® soft 	●			●	●	●		●		●	●
arsos® plus 			●	●	●	●		●	●		●
lenos® light 		●	●*	●			●				●

* With suitable heavy-duty mattress

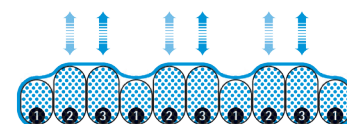
** Information of the weights are only for a lying-position

arsos[®] light with dexos[®] light

Stage IV

Large cell pressure relief system for ulcer decubitus prevention and therapy support for low to very high risk pressure treatment/stage IV. Unique and patented construction of the air in foam cells.

- Suitable for application in pain therapy
- Maximum patient weight up to 150 kg (24 st)
- Pump dexos[®] light wds
- Inflates according to three-chamber-principle
- Pressure individually regulated
- Choice for static and alternating pressure, therefore usable in large variety of illnesses
- Extreme low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Energy saving feature/start-stop-automatically
- Adjustable cycle times
- Easy handling
- Pump to mattress connection method through quick release
- Acoustic and visual alarm
- Key pad lock
- LED dimming function
- Power cut alarm
- **arsos[®] light mattress**
 - 10 replaceable, integrated PU-cells with PU-foam construction
 - Cells are of foam construction with re-enforced side zones
 - Newly developed CPR valve prevents accidental opening
 - Including high quality PU-mattress cover, water repellent, breathable, 95 °C washable, dryer suitable until 50 °C
 - Thermal disinfection, therefore re-usable
- Connection through quick release connectors



Technical details

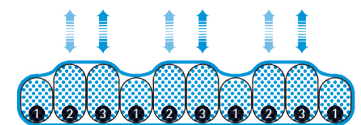
	arsos [®] light with dexos [®] light compressor
Article-number	111 500-DL-wds
Material	Mattress: Polyurethane · Pump: ABS housing
Warranty	2 years
Electrical values	230 V · 50 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	200 x 90 x 12 cm (79" x 34½" x 0,9")
Weight	Mattress: ca. 8,6 kg (19 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	PU-cover, breathable, water repellent, 95 °C washable, dryer suitable until 50 °C max
Recommended patient weight	40 – 150 kg (6.5 - 24 st)
Application area	Ulcer/Decubitus prevention and therapy support for medium to very high risk/stage IV

arsos[®] soft with dexos[®] light

Stage IV

Large cell pressure relief system for ulcer decubitus prevention and therapy support for low to very high risk pressure treatment/stage IV. Unique and patented construction of the air in foam cells. Specially for cachexia patients, geriatric patients and child patients.

- Suitable for application in pain therapy
- Maximum patient weight from 20 to 100 kg (3 - 16 st)
- Pump dexos[®] light wds
- Inflates according to three-chamber-principle
- Pressure individually regulated
- Choice for static and alternating pressure, therefore usable in large variety of illnesses
- Extreme low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Energy saving feature/start-stop-automatically
- Adjustable cycle times
- Easy handling
- Pump to mattress connection method through quick release
- Acoustic and visual alarm
- Key pad lock
- LED dimming function
- Power cut alarm
- arsos[®] soft mattress
 - 10 replaceable, integrated PU-cells with PU-foam construction
 - Cells are of foam construction with re-enforced side zones
 - Newly developed CPR valve prevents accidental opening
 - Including high quality PU-mattress cover, water repellent, breathable, 95 °C washable, dryer suitable until 50 °C max
 - Thermal disinfection, therefore re-usable
- Connection through quick release connectors



Technical details

	arsos [®] soft with dexos [®] light compressor
Article-number	111 540-DL-wds
Material	Mattress: Polyurethane · Pump: ABS housing
Warranty	2 years
Electrical values	230 V · 50 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	200 x 90 x 13 cm (79" x 34½" x 5")
Weight	Mattress: ca. 16,3 kg (36 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	PU-cover, breathable, water repellent, 95 °C washable, dryer suitable until 50 °C max
Recommended patient weight	20 – 100 kg (3 - 16 st)
Application area	Ulcer/Decubitus prevention and therapy support for low to high risk/stage IV

arsos[®] plus with dexos[®] light

Stage IV

Large cell pressure relief system for ulcer decubitus prevention and therapy support for medium to very high risk pressure treatment/stage IV. Unique and patented construction of the air in foam cells. Especially for bariatric patients.

- Suitable for application in pain therapy and for bariatric patients
- Maximum patient weight from 150 to 250 kg (24 - 40 st)
- Pump dexos[®] light wds
- Inflates according to three-chamber-principle
- Pressure individually regulated
- Choice for static and alternating pressure, therefore usable in large variety of illnesses
- Extreme low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Energy saving feature/start-stop-automatically
- Adjustable cycle times
- Easy handling
- Pump to mattress connection method through quick release
- Acoustic and visual alarm
- Key pad lock
- LED dimming function
- Power cut alarm
- **arsos[®] plus mattress**
 - 13 replaceable, integrated PU-cells with PU-foam construction
 - Cells are of foam construction with re-enforced side zones
 - Newly developed CPR valve prevents accidental opening
 - Including high quality PU-mattress cover, water repellent, breathable, 95 °C washable and dryer suitable until 50 °C max
 - Thermal disinfection, therefore re-usable
- Connection through quick release connectors



Technical details



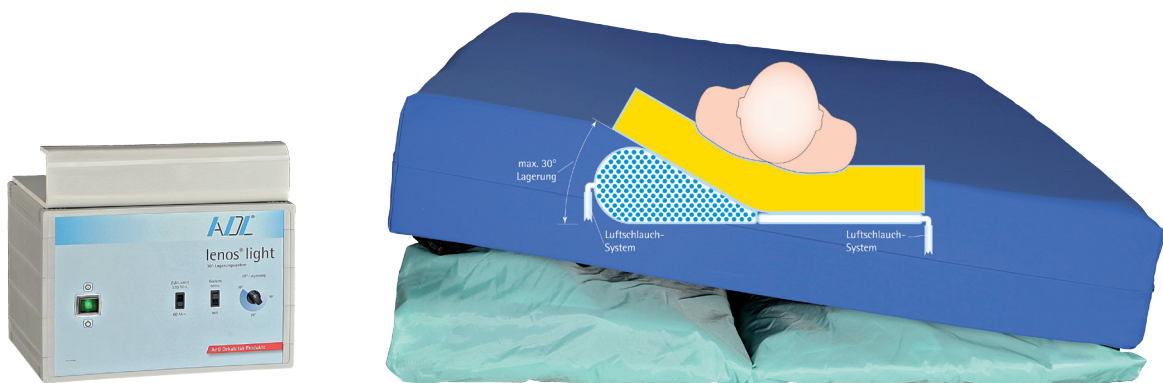
	arsos [®] plus with dexos [®] light compressor
Article-number	111 550-DL-wds
Material	Mattress: Polyurethane · Pump: ABS housing
Warranty	2 years
Electrical values	230 V · 50 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	200 x 90 x 21 cm (79" x 35½" x 8 ½")
Weight	Mattress: ca. 18 kg (39 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	PU-cover, breathable, water repellent, 95 °C washable, dryer suitable until 50 °C max
Recommended patient weight	150 – 250 kg (24 - 40 st)
Application area	Ulcer/Decubitus prevention and therapy support for medium to very high risk/stage IV

lenos[®] light

Stage IV

30°- positioning system to allow various positioning during various intervals. Equipped with integrated Clinisan[®] mattress. For ulcer/decubitus prevention and therapy support with medium to very high risk pressure treatment/stage IV. For special illnesses e.g. pulmonary diseases and obese patients.

- „Stand-alone-system“ (No additional mattress required)
- lenos[®]-light-compressor
 - Choice for right-left-positioning and back positioning function, adjustable
 - Choice for side degree cycles adjustable in one or two hours
- lenos[®]-light-mattress
 - Two interconnected PU-air hoses to inflate to maximum 30°
 - As support of the 30°-positioning to some air inflated support systems or even foam mattresses
 - Cover to fixate integrated foam mattress, high quality polyurethane, water repellent, breathable, 95 °C washable, dryer suitable 50 °C max
 - Thermal disinfection, therefore re-usable



Technical details



Technical details	lenos [®] light	Cover
Article-number	111 350-NEW	111 305
Material	Mattress: Polyurethane Pump: Plastic ABS housing	Polyurethane
Warranty	2 years	--
Electrical values	220 V · 60 Hz/22 W	--
Fuse	T2A mA	--
Dimensions (inflated)	200 x 80 cm (79" x 31½")	200 x 90 x 16 cm (79" x 35½")
Weight	Mattress: ca. 1,0 kg (2 lbs) · Pump: ca. 9,0 kg (20 lbs)	ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection	95 °C washable, dryer suitable 50 °C max
Cover	--	--
Recommended patient weight	Up to 150 kg (24 st) with clinisan Up to 250 kg (40 st) with suitable heavy-duty mattress	--
Application area	30°-positioning for Ulcer/Decubitus prevention and therapy support with high and very high risk/stage IV	Cover to fixate the lenos [®] light mattress to the foam mattress

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