



Dynamic pressure system
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

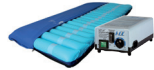





ADL in Münster



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

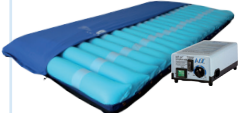
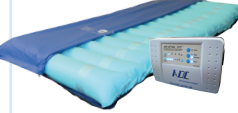


Loss of entire skin tissue, with extensive tissue necrosis and damage to muscles, tendons and bones. Undermining and pocket-formation are very common.

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	soft air® simplex wds	soft air® wds	soft air® cumulus wds	soft air® plus wds
Art. No.	110 470-wds	111 400-wds	110 400-wds-cumulus	110 401-wds
Contents	<ul style="list-style-type: none"> · 1 large cell mattress (21 cells) incl. tube connection · 1 PU-cover · 1 soft air® simplex wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet 	<ul style="list-style-type: none"> · 1 large cell mattress (17 cells) incl. tube connectors · 1 PU-cover · 1 soft air® wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet · 1 Transport bag 	<ul style="list-style-type: none"> · 1 large cell mattress (16 cells) a 5 cm (2")-overlay-mattress (integrated) incl. tube connectors · 1 PU-cover · 1 soft air® Cumulus wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet 	<ul style="list-style-type: none"> · 1 large cell mattress (19 cells) a 5 cm (2")-overlay-mattress (integrated) incl. tube connectors · 1 PU-cover · 1 soft air® plus wds-pump incl. cable · 1 User manual · 1 Service-check-leaflet
Available spare parts	<ul style="list-style-type: none"> · Spare pump incl. cable Art. Nr. 110 471-WDS-FO · Spare cell Art. Nr. 64000026-FO · Spare cover PU, blue Art. Nr. 110763 · User manual Art. Nr. 113 003-FO-GB · Blower (Electric compressor) Art. Nr. 110 520 	<ul style="list-style-type: none"> · Spare pump incl. cable Art. Nr. 110 410-WDS-FO · Spare cell Art. Nr. 64000028-FO · Spare cover PU, blue Art. Nr. 110763 · User manual Art. Nr. 112 001-FO-GB · Blower (Electric compressor) Art. Nr. 110 520 	<ul style="list-style-type: none"> · Spare pump incl. cable Art. Nr. 110 410-WDS-FO · Spare cell Art. Nr. 64000028-FO · Spare cover PU, blue Art. Nr. 110 759 · User manual Art. Nr. 112 001-FO-GB · Blower (Electric compressor) Art. Nr. 110 520 	<ul style="list-style-type: none"> · Spare pump incl. cable Art. Nr. 110 411-WDS-FO · Spare cell Art. Nr. 64000030-FO · Spare cover PU, blue Art. Nr. 64000031-FO · User manual Art. Nr. 112 004-FO-GB · Blower (Electric compressor) Art. Nr. 110 520

System	Recommended patient weight (maximum)*			Recommended ulcer pressure stage				Function alternate & static	Further indications Reusage
	130 kg	140 kg	150 kg	Until stage I	Until stage II	Until stage III	Until stage IV		
soft air® simplex wds 	●				●			●	●
soft air® wds 		●				●		●	●
soft air® cumulus wds 		●				●		●	●
soft air® plus wds 			●				●	●	●

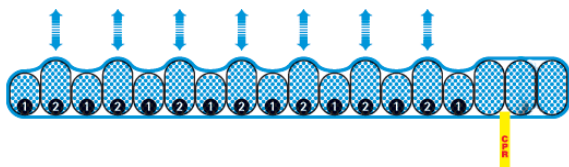
* Information of the weights are only for a lying-position

soft air[®] simplex wds

Stage II

Dynamic ulcer pressure relief system with large cells for prevention of ulcers and therapy support for low to medium risk/stage II

- Maximum patient weight 130 kg (21 st)
- Overlay mattress
- Two-chamber-system
- Allows pressure adjustment to suit the requirements of patients needs
- Choice for static or alternating pressure therapy therefore useable in large variety of illnesses
- Low noise and vibration
- Newly developed CPR valve prevents accidental opening
- System
 - With 21 individually exchangeable cells
 - 3 loops for cell fixation
 - Fixation straps to adjustable bed parts
- Includes breathable-, water repellent-, stretchable PU-cover with 3 sided zipper for easy removal. Washable at up to 95 °C, dryable at up to 50 °C



Technical details

	soft air [®] simplex wds
Article-number	110 470-wds
Material	Mattress: polyvinyl · Pump: ABS housing · Cover: PU
Warranty	2 years
Electrical values	220 – 240 V · 50 – 60 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	196 x 88 x 12,5 cm (77" x 34½" x 5")
Weight	Mattress: ca. 5,6 kg (12 lbs) · Pump: ca. 1,3 kg (3 lbs) Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	Washable at up to 95 °C, dryable at up to 50 °C
Recommended patient weight	40 – 130 kg (5 – 21 st)
Application area	Ulcer/Decubitus prevention and therapy support from low to medium risk/stage II

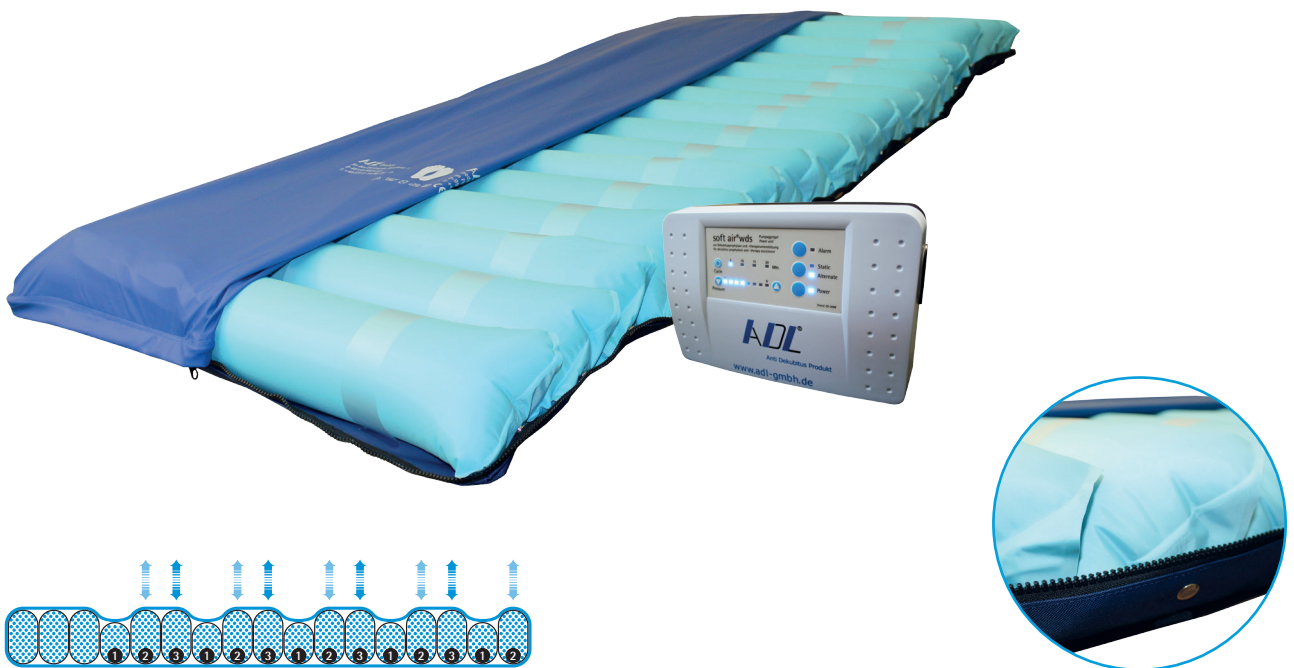


soft air® wds

Stage III

Dynamic ulcer pressure relief system with large cells for prevention of ulcers and therapy support for medium to high risk/stage III

- Maximum patient weight 140 kg (22 st)
- Mattress replacement system
- Three-chamber-system
- Allows pressure adjustment to suit the requirements of patients needs
- Choice for static or alternating pressure therapy therefore useable in large variety of illnesses
- Cycle times adjustable
- Acoustic and optical alarm
- Very low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Low energy consumption
- Easy to operate
- Newly developed CPR valve prevents accidental opening
- **System**
 - With 17 individually exchangeable cells
 - Micro perforated cells to enhance comfort
 - 3 loops for cell fixation
 - Fixation straps to adjustable bed parts
- Includes breathable-, water repellent-, stretchable PU-cover with 3 sided zipper for easy removal. Washable at up to 95 °C, dryable at up to 50 °C
- Special sizes available on request
- Including transport bag



Technical details

	soft air® wds
Article-number	110 400-wds
Material	Mattress: PU · Pump: ABS housing · Cover: PU with 3 sided zipper
Warranty	2 years (wear and tear excluded)
Electrical values	230 V · 50 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	190 x 86,5 x 13,5 cm (75" x 34" x 5½")
Weight	Mattress: ca. 6,1 kg (13,5 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	Washable at up to 95 °C, dryable at up to 50 °C
Recommended patient weight	30 – 140 kg (5 – 22 st)
Application area	Ulcer prevention and therapy support for medium to high risk/stage III

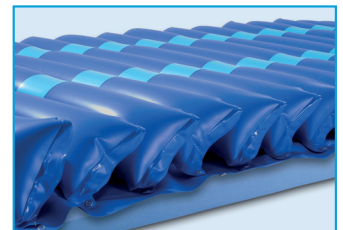
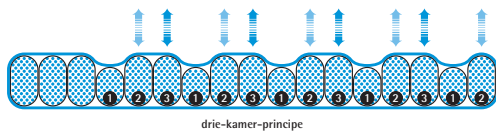


soft air[®] cumulus wds

Stage III

Dynamic ulcer pressure relief system with large cells for prevention of ulcers and therapy support for medium to high risk/stage III

- Maximum patient weight 140 kg (22 st)
- Mattress replacement system
- Three-chamber-system
- Allows pressure adjustment to suit the requirements of patients needs
- Choice for static or alternating pressure therapy therefore useable in large variety of illnesses
- Cycle times adjustable
- Acoustic and optical alarm
- Very low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Low energy consumption
- Newly developed CPR valve prevents accidental opening
- Easy to operate
- System
 - With 17 individually exchangeable cells
 - Micro perforated cells to enhance comfort
 - 3 loops for cell fixation
 - Fixation straps to adjustable bed parts
- 5 cm (2") integrated PU foam mattress
- Includes breathable-, water repellent-, stretchable PU-cover with 3 sided zipper for easy removal. Washable at up to 95 °C, dryable at up to 50 °C
- Special sizes available on request
- Including transport bag



Technical details

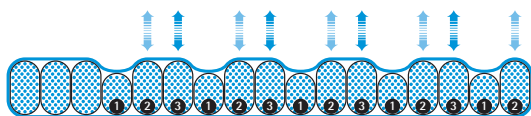
	soft air [®] cumulus wds
Article-number	110 400-wds-cumulus
Material	Mattress: PU · Pump: ABS housing · Cover: PU with 3 sided zipper
Warranty	2 years (wear and tear excluded)
Electrical values	230 V · 50 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	200 x 84,5 x 18,5 cm (79" x 33" x 7½")
Weight	Mattress: ca. 6,5 kg (14.5 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	Washable at up to 95 °C, dryable at up to 50 °C
Recommended patient weight	30 – 140 kg (5 – 22 st)
Application area	Ulcer prevention and therapy support for medium to high risk/stage III

soft air[®] plus wds

Stage IV

Dynamic ulcer pressure relief system with large cells for prevention of ulcers and therapy support for high to very high risk/stage IV

- Maximum patient weight 150 kg (24 st)
- Mattress replacement system
- Three-chamber-system
- Allows pressure adjustment to suit the requirements of patients needs
- Choice for static or alternating pressure therapy therefore useable in large variety of illnesses
- Cycle times adjustable
- Acoustic and optical alarm
- Very low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Low energy consumption
- Easy to operate
- Newly developed CPR valve prevents accidental opening
- **System**
 - With 19 individually exchangeable cells
 - Micro perforated cells to enhance comfort
 - 3 loops for cell fixation
 - Fixation straps to adjustable bed parts
 - 5 cm (2") integrated PU foam mattress
- Includes breathable-, water repellent-, stretchable PU-cover with 3 sided zipper for easy removal. Washable at up to 95 °C, dryable at up to 50 °C
- Special sizes available on request
- Including transport bag



Technical details

	soft air [®] plus wds
Article-number	110 401-wds
Material	Mattress: PU · Pump: ABS housing · Cover: PU with 3 sided zipper
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 36" x 8")
Weight	Mattress: ca. 6,5 kg (14.5 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	Washable at up to 95 °C, dryable at up to 50 °C
Recommended patient weight	30 – 150 kg (6.5 – 24 st)
Application area	Ulcer/Decubitus prevention and therapy support for high to very high risk/stage IV



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