

# Negative Pressure Wound Therapy

## TRUE NPWT® – SIMPLICITY WITHOUT COMPROMISE



Invia® Motion™



Invia® Liberty™

Invia Gauze  
Dressing Kits



 **Avance®**  
FOAM DRESSING KITS



# Invia® Liberty™

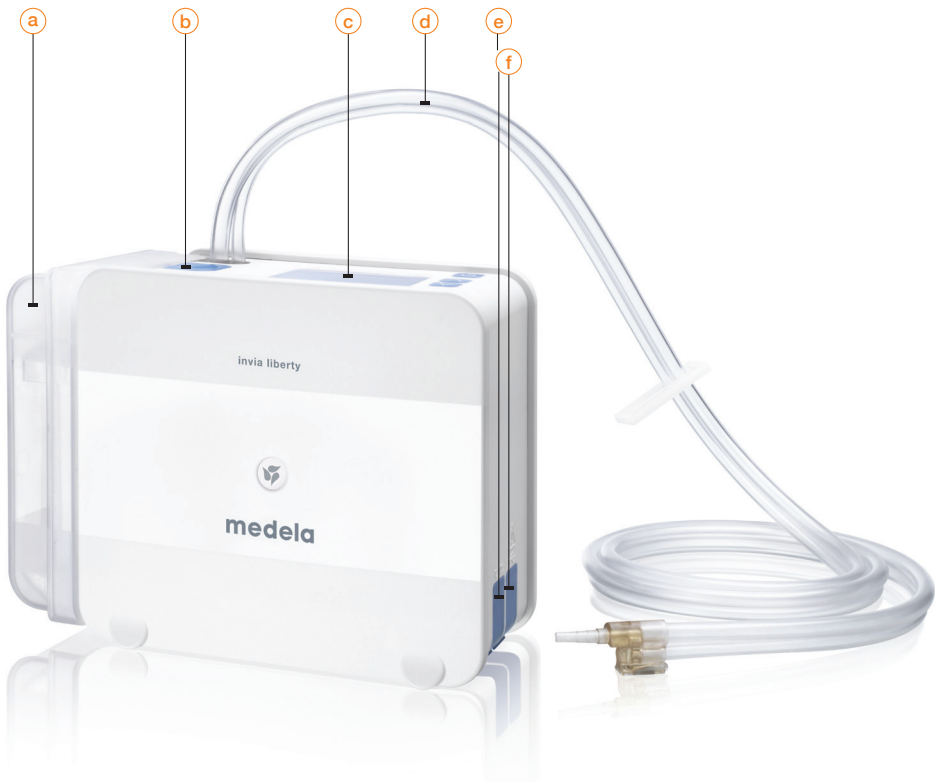
## Providing Negative Pressure Wound Therapy, Mobility and Flexibility






Negative Pressure Wound Therapy is a preferred choice of care for treating acute and chronic wounds in hospitals, clinics, long-term care and home care settings.

Patients appreciate the ease-of-use, quiet operation and compact size of the Invia Liberty. The device can be carried in a discreet bag, facilitating mobility and the docking station allows for easy charging.

Invia Liberty's innovative design delivers excellent functionality with its simple set-up and easy operation.

- a** Disposable canister 300 ml and 800 ml options with solidifier
- b** One-touch canister release button
- c** Easy to read LCD screen for intuitive operation and graphic capability
- d** Double lumen tubing (PVC) with integrated protection filter and tube clamp
- e** Covered, waterspray safe power adapter port
- f** Covered, waterspray safe USB port for software updating and therapy history upload to a PC



Technical data	
	- 60 mmHg to - 200 mmHg
	Low Flow 5 L/min.
	> 12 Hours
	2.2 lbs (1 kg)
Modes: Constant and Intermittent Tubing: Double Lumen Tubing, Y-Connector Canister: 300 and 800ml	
	H x W x D 3.74 x 6.69 x 5.91 inch (95 x 170 x 150mm)
2 years warranty	

### Indications

Invia Liberty is indicated for use in:

- Diabetic / neuropathic ulcers
- Pressure ulcers
- Chronic wounds
- Acute wounds
- Dehiscenced wounds
- Flaps
- Grafts

### Contraindications

Do not use Invia Liberty for patients with any of the following conditions:

- Malignancy of the wound
- Untreated osteomyelitis
- Non-enteric and unexplored fistula
- Necrotic tissue with eschar present
- Dehiscenced wounds
- Malnourished patients
- Anastomosis
- Sutured blood vessels

Caution: Do not place Invia Wound Therapy Dressing over exposed blood vessels or organs.

### Ease-of-use

- The easy to read LCD screen permits intuitive operation and graphic capability.
- The docking station allows convenient pump charging.
- The one-touch canister release button enables quick canister exchange.



### Mobility

- The discreet carrying case is designed for convenient pump transportation.
- The compact pump size allows full integration in the patient's daily life.



### Flexibility

- Two disposable canisters 300 ml and 800 ml options provide an immediate solution to the patient's need.
- One pump for hospital, clinic, long-term care and home care settings allows for simplified training and patient transition across the continuum of care.



# Invia® Motion™

## Providing True NPWT®, Mobility and Simplicity






Invia Motion is a personal pump which enables patients to participate in their normal daily activities while providing True NPWT throughout the period of treatment.

Invia Motion has been designed with patient dignity and hygiene in mind. It can be used in hospital, clinic, long-term care and home care settings. The small, lightweight design and quiet operation mode enables patient mobility promoting acceptance and compliance. The conveniently packaged design, allows every patient to receive a new pump with accessories, so therapy can be started immediately.

Handling of the pump is simplified with only four buttons to operate and easy canister attachment. Every patient gets a new pump and, with the all-in-one box, therapy can be started immediately.

- a Tubing
- b Covered power adapter port
- c Icon-driven display
- d Disposable canister 0.15 L/ 150 ml with integrated solidifier



Technical data	
	- 60 mmHg to -175 mmHg
	Low Flow 1 L/min.
	> 10 Hours
	0.88 lbs (400 g)
Modes: Constant and Intermittent Tubing: Single lumen tubing, Y-Connector Canister: 150 ml (with solidifier)	
	H x W x D 3.90 x 3.86 x 2.05 inch (99 x 98 x 52 mm)
2 years warranty	

### Indications for use

- Diabetic / neuropathic ulcers
- Pressure or venous insufficiency ulcers
- Chronic wounds
- Traumatic wounds
- Acute or subacute wounds
- Dehisced wounds
- Partial thickness burns
- Flaps and grafts

### Contraindications

- Do not use Invia Motion NPWT System for patients with:
- Malignancy in the wound
  - Untreated osteomyelitis
  - Non-enteric and unexplored fistulas
  - Necrotic tissue with eschar present
  - Exposed vasculature
  - Exposed nerves
  - Exposed anastomotic site of blood vessels or bypasses
  - Exposed organs

### True NPWT®

- 60 days runtime often covers the entire required treatment.
- Ability to be used with both foam and gauze dressings provides flexibility in treatment options.
- Full functioning due to multiple pressure options (-60 to -175 mmHg) and constant/intermittent therapy modes.



### Mobility

- The small, lightweight design permits daily activities and respects the patient's need for dignity and comfort.
- The discreet carrying case is easy to wear and easy to transport.
- The quiet operation enhances discretion and patient acceptance.



### Simple to Use

- The pump is designed for ease-of-use with only four buttons to operate and an easy canister attachment.
- Conveniently packaged, the Invia Motion provides quick therapy set-up.
- Every patient obtains a new, hygienic pump.





# Invia® Gauze Dressing Kits

## Providing Flexibility and Comfort

Medela offers a comprehensive portfolio of NPWT dressing kits and drains to provide wound care professionals options depending on the individual needs of the patient, the wound and the care setting.



- Invia Wound Gauze Dressing Kits include:**
- Kerlix™ AMD™ Antimicrobial Gauze
  - 3M™ Tegaderm™ Non-adherent Contact layer
  - Wound drain
  - 3M™ Tegaderm™ Transparent dressing
  - 3M™ Cavityon™ barrier film wipes
  - Hy-Tape™ Surgical adhesive tape
  - Sterile saline
  - Coloplast™ Ostomy strip paste\*
- \*Not available with ESI dressing kits.

Invia Gauze Dressing Kits contain all items required to dress a wound for Negative Pressure Wound Therapy eliminating the need for a clinician to gather additional supplies. This is especially helpful in home care situations where supplies may not be readily available if they are not included in the dressing kit.

Wound exudate and bleeding could be easily seen when using gauze, but may not be visible under black foam.

**Wound drain features and benefits:**

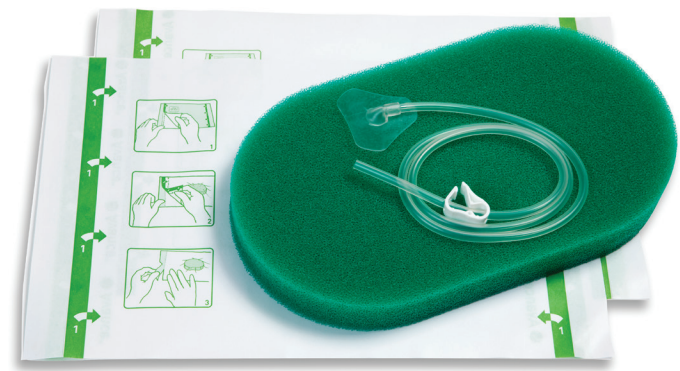
Features and Benefits			Depth			Special Conditions		Drainage		
			Shallow	Medium	Deep	Tunnel	Undermining	Minimal	Moderate	Heavy
	<b>External Suction Interface (ESI)</b>	<ul style="list-style-type: none"><li>– Multipurpose applications, ideal for difficult to seal areas in non weight bearing wounds</li><li>– Designed to adhere to transparent dressing for a complete seal</li></ul>	■	■	■			■	■	■
	<b>10mm Flat Drain</b>	<ul style="list-style-type: none"><li>– Multipurpose applications, ideal for non weight bearing wounds without particulate</li><li>– Soft and flexible allowing for easy placement within wound bed</li><li>– Radiopaque silicone allows for X-ray detection</li></ul>	■	■	■			■	■	■
	<b>15Fr Round Channel Drain</b>	<ul style="list-style-type: none"><li>– Multipurpose applications, ideal for tunneling and undermining</li><li>– Designed to efficiently, channel drainage</li><li>– Channels help prevent clotting or occlusions</li><li>– Minimizes tissue in-growth</li><li>– Radiopaque silicone allows X-ray detection</li></ul>		■	■	■	■	■	■	■

**Note:** Please consider the patient's activities of daily living and anatomical location of the wound when selecting to use the ESI or internal drains offered by Medela.

# Avance® Foam Dressing Kits

## Providing a Flexible Solution for Negative Pressure Wound Therapy

Avance Foam is a hydrophobic reticulated polyurethane foam with a large open cell structure intended for use with Negative Pressure Wound Therapy (NPWT) to distribute the pressure across the wound surface and allow passage of fluid and exudate through the negative pressure system.



- The Avance Foam Dressing Kit is indicated for use on the following wound types:**
- Traumatic wounds
  - Surgical (sternal/ abdominal /extremity) wounds
  - Dehisced wounds
  - Chronic wounds including pressure ulcers, diabetic foot ulcers and venous leg ulcers
  - Partial-thickness burns
  - Flaps and grafts

The hydrophobic and large open cell structure ensures even distribution of negative pressure to the wound bed and thereby promotes exudate removal.

In a recent study comparing foams and gauze, the green Avance foam was proven better at contrasting against blood and exudate than black foam – making it easier to monitor the healing progress without disturbing the sensitive wound area (Malmsjö & Ingemansson, 2011).<sup>1</sup>

Properties	Avance Foam
Thickness (mm)	30
Density (kg/m³)	30
Cell count (cells/cm)	7
Tensile strength (PSI)	24

<b>Small Dressing Kit</b> <ul style="list-style-type: none"><li>– 1 Avance Foam (3.15 x 3.94 x 1.18 inch / 8 x 10 x 3 cm)</li><li>– 1 Avance Transparent Film (7.87 x 10.63 inch / 20 x 27 cm)</li><li>– 1 Avance Transfer Pad (ESI)</li></ul>	<b>Medium Dressing Kit</b> <ul style="list-style-type: none"><li>– 1 Avance Foam (4.72 x 7.87 x 1.18 inch / 12 x 20 x 3 cm)</li><li>– 2 Avance Transparent Films (7.87 x 10.63 inch / 20 x 27 cm)</li><li>– 1 Avance Transfer Pad (ESI)</li></ul>	<b>Large Dressing Kit</b> <ul style="list-style-type: none"><li>– 1 Avance Foam (5.91 x 10.24 x 1.18 inch / 15 x 26 x 3 cm)</li><li>– 2 Avance Transparent Films (7.87 x 10.63 inch / 20 x 27 cm)</li><li>– 1 Avance Transfer Pad (ESI)</li></ul>
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<sup>1</sup>Malmsjö M, Ingemansson R. Effects of green foam, black foam and gauze on contraction, blood flow and pressure delivery to the wound bed in negative pressure wound therapy. J Plast Reconstr Aesthet Surg. 2011 Dec;64(12) a

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# Medical Vacuum Technology for Healthcare Professionals

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