Chest Drainage Systems for Cardiac & Thoracic Surgery

Including portable suction with Digital Air Leak Monitoring
Simple Plus

Unique, post-operative chest drainage for cardio-thoracic surgery. Featuring an integrated underwater seal for clear, visual patient air leak monitoring.

Simple Plus (10126)
- Lightweight, stable design.
- Large capacity, 3 litre collection chamber - with easy to read scale.
- Visual patient air leak monitoring.
- Intrapleural pressure monitoring - for observation of patient’s ‘swing’.
- Gravity mode or wall-regulated controlled suction.
- Self-sealing sample port.
- Negative pressure release valve.

“A cost effective alternative to traditional chest bottles”

Blue-dyed water seal for visual air leak monitoring
Compact

Featuring a unique auto-regulation system that maintains chosen suction level at all times.

Compact (10105)
- Patented water manometer - allows suction tuning from -5 to -25 cm H$_2$O.
- Underwater seal chamber - for patient air leak monitoring.
- Precise intrapleural pressure monitoring.
- Available with additional collection chamber for use with two pleural drains (10102).
- Paediatric version available, Compact S (10130).

“Controlling suction using water regulation”
**Variant**

When connected to wall suction Variant automatically regulates the suction level.

**Variant (10112)**

- Patented mechanical valve allows fine tuning of suction from -5 to -40 cm H\(_2\)O – with extreme accuracy.
- Flow indicator confirms correct drain operation.
- With clamp and lock-in connector on patient tubing.
- Available with additional collection chamber for use with two pleural drains (10119).
- Paediatric version available, Variant S (10117).

“*Controlling suction using a calibrated, mechanical valve*”

**Dune**

Providing patient protection with an anti-reflux valve that operates safely without water – even in a horizontal position.

**Dune (10113)**

- Patented, mechanical valve allows fine tuning of suction from -5 to -40 cm H\(_2\)O.
- Extremely quiet operation.
- With clamp and lock-in connector on patient tubing.
- Optional patient air leak monitoring - by adding water.

“*Ready to use straight from the box – without requiring water*”
Emotrans

A closed circuit post-operative blood recovery system for cardiac surgery, with integral double stage filtration. 200micron filter in collection chamber and 40micron filter in the blood reservoir.

Emotrans Dune (10140)

- Patented, mechanical valve automatically regulates suction level.
- High performance drainage and transfusion.
- Recovered blood can be transferred to an Emotrans blood bag (10141).
- Connects to cell saving equipment with dedicated tubing (10525).
- Wet system also available (10163)

“Advanced chest drainage with blood collection”
Simple 3mobile

The most innovative solution for chest drainage management available in the UK – for both post-operative and critical care applications. Fitting a small mobile, electric suction device allows the drainage unit to operate fully independently of wall suction.

**Simple 3Mobile (10125)**

- Visual patient air leak monitoring – from separate underwater seal.
- Intrapleural pressure monitoring – for observation of patient’s ‘swing’.
- Gravity mode, wall-regulated, or portable unit controlled suction.

"**Full Patient Mobility**"

**Portable Battery Suction Unit (Mobile 10174)**

- Digital suction level setting – -10 to -60 cm H₂O.
- Long independent battery life.
- Fast, simple recharge.
- Lightweight and portable.
- Gravity or battery suction modes.
- Unit protection filter (10538).
Palm Evo

A complete system for thoracic drainage – combining lightweight, portable suction with digital air leak monitoring.

Palm Evo (10192)

- Easy user interface with separate screens for suction settings and patient monitoring.
- Digital and graph modes on colour touch screen.
- Selectable suction up to 6Kpa.
- Total patient monitoring, with real time and historical air leak and intrapleural pressure data.
- Monitors and records air leak data in both suction and gravity modes.
- Stores 96 hours of data to display, or for pc download.
- Up to 36 hours of independent battery use.

AIR LEAK MONITORING
Suction and monitoring together

INTRAPLEURAL PRESSURE

BETTER AND SAFER DIAGNOSIS
Air leak in any situation, including gravity use

EARLIER CHEST DRAIN REMOVAL
Precise digital air leak readout and patient status tracking

REDUCED STAFF WORKLOAD
More safety with less workload for hospital staff

REDUCED HOSPITAL COSTS

Colour touch screen, switchable from digital to graphic modes

Real time – air leak
Intrapleural pressure
1h Average air leak
From experience, NEW drainage technologies...

Redax combines experience and innovation with the ability to interpret clinical requirements. Redax has developed its entire range of drainage systems, and its own production lines, thanks to its research centre which designs and develops new products through ongoing co-operation with doctors, engineers and leading opinion leaders.

The ability to provide such a broad and complete range of drains is made possible through a deep understanding of raw materials for biomedical use and by the presence in Redax of all the necessary production technologies. Redax quality systems are based on continuous and global control of all manufacturing stages, through fully automated production lines and leading-edge technology systems and machinery.

The result is processes ensuring product reliability and superior quality, fast delivery and competitive costs.


### Specifications

<table>
<thead>
<tr>
<th></th>
<th>Product Code</th>
<th>Suction Auto Regulation</th>
<th>Wet Or Dry Suction Regulation</th>
<th>Collection Capacity (ml)</th>
<th>Single or Double Drain</th>
<th>Mobile Option</th>
<th>Visual Air Leak Monitor</th>
<th>Intra Pleural Pressure Display</th>
<th>Suction Range (KPa)</th>
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<tbody>
<tr>
<td>SIMPLE Plus</td>
<td>10126</td>
<td>NO</td>
<td>N/A</td>
<td>3000</td>
<td>Single</td>
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<td>Wall suction determined</td>
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<td>COMPACT</td>
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<td>WET</td>
<td>2200</td>
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<tr>
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<td>OPTION</td>
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<td>0.5 to 4.0</td>
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<td>(Without suction unit)</td>
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<td>N/A</td>
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<tr>
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<td>1550 / 1000</td>
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<td>SIMPLE 3mobile</td>
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<tr>
<td>(With suction unit)</td>
<td>10125</td>
<td>YES</td>
<td>DRY</td>
<td>2550</td>
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<td>Double</td>
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### Order Codes

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<tr>
<th>Product</th>
<th>Product Description</th>
<th>NHS Code</th>
<th>Product Code</th>
<th>Pack Details</th>
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<tbody>
<tr>
<td>SIMPLE Plus</td>
<td>Wall suction regulated, single chest drain</td>
<td>FDR 085</td>
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<td>COMPACT</td>
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<td>10105</td>
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<td>Self regulated (wet), double chest drain, with clamps</td>
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<td>VARIANT</td>
<td>Self regulated (dry), single chest drain, with lock-in connector</td>
<td>FDR 086</td>
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<td>Self regulated (dry), double chest drain, with lock-in connectors</td>
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<td>SIMPLE 3mobile</td>
<td>Wall/Pump regulated, single chest drain for mobile use</td>
<td>FDR 088</td>
<td>10125</td>
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<td>SIMPLE 3mobile</td>
<td>Wall/Pump regulated, double chest drain for mobile use</td>
<td>FDR 087</td>
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<td>EMOTRANS</td>
<td>Self regulated (wet), post-operative blood recovery system</td>
<td>FDR 085</td>
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<td>EMOTRANS DUNE</td>
<td>Self regulated (dry), post-operative blood recovery system</td>
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<td>MOBILE</td>
<td>Rechargeable, battery-operated suction unit. Kit, including charger</td>
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<tr>
<td>PALM EVO</td>
<td>Portable air leak monitor suction unit. Kit, including charger</td>
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<td>1 Kit</td>
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<td>FILTER</td>
<td>Protection Filter for portable suction units. Anti-bacterial and hydrophobic</td>
<td>FDR 084</td>
<td>10538</td>
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