The Dyna-Form Mercury Advance mattress is a "Very High Risk" dynamic replacement system, combined with the benefits of modern foam technology. This unique system allows the ability to “step up” to that of a dynamic mattress when clinically required. Simultaneously, patients can also be downgraded as their conditions improve. This product is particularly beneficial for use within the patient's home or palliative care environments as a result of minimising logistical and decontamination costs. However, the clinical benefits of a single system are equally applicable to that of a modern hospital setting. A higher weight user ratio of up to *40 stone / 254kg allows the product to meet the modern challenges of those heavier clients. All component parts are interchangeable, encouraging an enhanced product life cycle. An outer cover comprising of a high frequency welded, multi stretch, and vapour permeable fabric adheres to the strictest infection control.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>MAT/ADV/198/88/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Category</td>
<td>High / Very High Risk</td>
</tr>
<tr>
<td>Weight Limit</td>
<td>No minimum weight limit. Product evaluated to *40 stone / 254kg capacity. NB: Best clinical outcome on patients between 0 and 22 stone / 140kg</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 Years</td>
</tr>
<tr>
<td>Mattress Dimensions</td>
<td>Standard Size 198cm x 88cm x 15cm</td>
</tr>
<tr>
<td>Product Weight</td>
<td>13.3kg mattress / 1.7kg Power Unit</td>
</tr>
<tr>
<td>Cycle Time</td>
<td>10 minutes</td>
</tr>
<tr>
<td>Cycle Control</td>
<td>Electronic</td>
</tr>
<tr>
<td>Voltage</td>
<td>220 - 240V / 50HZ</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>10W</td>
</tr>
</tbody>
</table>

**Infection Control / Hypochlorite Solution Compatible**

Mattress Cover / Power Unit to be wiped down with Hypochlorite solution & warm water appropriately diluted.

* Indicates Static Mode

**Features**

1. Combined foam and dynamic mattress technology
2. Fixed head section
3. Static mode
4. Pressure selection mode
5. 2 in 1 mattress capability
6. Clinically proven foam mattress
7. Optional securing straps
8. Easy use power unit
9. LED alarm
10. Easy deflate CPR connector valve

**Benefits**

1. Provides the ability to upgrade/downgrade to that of patient clinical requirements
2. Maintaining head & shoulder stability
3. For rapid transfer or cleaning procedures
4. Providing ultimate patient comfort, without affecting care procedures
5. Minimises demand on logistics, decontamination and repair costs
6. Professor led documentation available
7. Ensures safe use for both patient and carer
8. Automatic pressure adjustment function to that of individual patient weight
9. Flashing indicators alert carers of low cell pressures/failure
10. Allows rapid deflation within 10 seconds

**Clinical Application / PU Grading**

I
II
III
IV

1
2
3
4
5

* Indicates Static Mode
Foam cell technology within a cycle of operation
6a: Close up shot of CMHR foam castellations within the cell
6b: Ability to change every individual cell, providing excellent cost management opportunities

Minimal weld design with protective zip flap cover, thus preventing ingress or harbouring of skin flora and other bacteria
7a: “Ring Pull” zip design to aid arthritic hands or other disabilities

Latest pressure mapping device, highlighting system in mid cycle, substantiating exceptional pressure re-distributing capabilities
8

Cell structure, secured to the foam mattress core, preventing unwanted movement
9

Modern design power unit comes complete with a multitude of functions including:
- Automatic pressure setting / comfort selection mode
- CPR / static mode functions
- Low / High pressure LED & audible alarm functions
- Illuminating ON / OFF switch

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