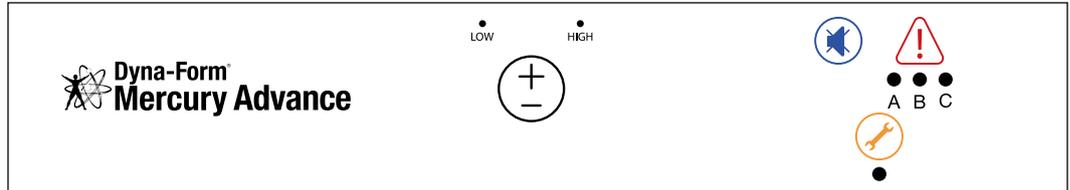


# Mercury Advance SMARTcare<sup>®</sup>

A Step Change in Care Delivery

This is a quick reference guide for the Mercury Advance SMARTcare<sup>®</sup> System (refer to user manual for additional information).  
Product Code MAT1610001



Mercury Advance SMARTcare<sup>®</sup>



### Power Switch Audible Warning Reset

The power switch simply switches the mains power to the pump on and off.

When the pump detects an Audible Warning condition, this can be silenced as below and re-set by switching the pump off and then back on again.



### Dual Function Connector

Please ensure that the Dual Function Connector valve is always placed fully home, prior to inflating the mattress. NB: The mattress will NOT inflate properly should this not be the case.

Please ensure that the Dual Function Connector is disconnected to step the patient down to static mode.



### CPR Tag

The CPR Tag is only to be used in the event of a clinical emergency for priority use.

LOW HIGH



Power On / Off  
Dynamic / Firmer Setting

### LED Mode Settings

This symbol when illuminated (the green indicator light) is used to indicate that the equipment is on or ready for use.

When a patient requires more pressure in the cells, as they may be uncomfortable or feel as though the support surface is too soft or unstable, then please select a "High" setting (pressure 26mmHg). This must only be used by a trained clinician as often too high pressures can further agitate certain patient conditions.

LOW HIGH



Low / Comfort Pressure Setting

When a patient requires less pressure in the cells, as they may be uncomfortable or indeed hyper sensitive to cell movement or if the patient is still reddening further, then please select a "Low" setting (pressure 18mmHg). This must only be used by a trained clinician.



Silence Audible Warning

This function is used to silence the Audible Warning. The LED will remain lit if the Audible Warning has been silenced previously, however a fault is still detected. Refer to the power switch in order to re-set fully. If the Audible Warning continues to sound repeatedly, along with an illuminated light, then an engineer must be called.



Audible Warning Failure

This symbol indicates an "Audible Warning Failure". Please see trouble shooting guide overleaf for how to re-set.

Note: Please ensure (when available) that all securing straps on the base of the mattress are secured onto the MOVING PARTS of the bed frame.

Warning / Fault	Cause	Solution
<b>Control Unit does not operate; no display lights illuminate</b>	The Control Unit may not be attached to a power source or a fuse may need replacing.	<ol style="list-style-type: none"> <li>1. Check the Control Unit is connected to mains power outlet with the correct voltage.</li> <li>2. Check the Control Unit is switched on. Switch off and unplug the unit before restarting.</li> <li>3. Check the mains plug fuse (5 AMP) then check both Control Unit fuses (1 AMP) – fuses can be released using a screwdriver to push and turn.</li> </ol> <p>⚠ Do not try to open the Control Unit. Opening the unit could cause personal injury or equipment damage.</p> <p>⚠ Ensure the replacement of fuses is carried out accordance with local legislation.</p>
 <b>Warning LED C + audible warning</b>	Mains failure / Other See above, plus:	<ol style="list-style-type: none"> <li>1. Check the Control Unit is connected to mains power outlet with the correct voltage.</li> <li>2. Check the Control Unit is switched on. Switch off and unplug the unit before restarting.</li> <li>3. Check the mains plug fuse (5 AMP) then check both Control Unit fuses (1 AMP) – fuses can be released using a screwdriver to push and turn.</li> </ol> <p>⚠ Do not try to open the Control Unit. Opening the unit could cause personal injury or equipment damage.</p> <p>⚠ Ensure the replacement of fuses is carried out accordance with local legislation.</p>
 <b>Warning LED B + audible warning</b>	Pressure too low	<ol style="list-style-type: none"> <li>1. Reset the warning – turn off power and press the Audible Warning mute button.</li> <li>2. Check that the Dual Function Connector is firmly attached the Control Unit (located on the left of the Control Unit case). Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cells is securely attached to its connecting pipe.</li> <li>3. Check all cells, pipes and hoses for any air leakage.</li> <li>4. Check that the air filter cover is correctly secured and the air filter is clean.</li> <li>5. Switch on power.</li> </ol>
 <b>Warning LED B+C + audible warning</b>	Pressure too low / Air pipe kinked	<ol style="list-style-type: none"> <li>1. Check the blue external umbilical air pipe that is between the mattress and the Dual Function Connector is not kinked, twisted or damaged and that the CPR Tag is firmly secured.</li> <li>2. Check all air hoses along the inside of the mattress – each should be firmly connected.</li> <li>3. Check each air cell is securely attached to its connecting air pipe.</li> </ol>
 <b>Warning LED A + audible warning</b>	Pressure too high	<ol style="list-style-type: none"> <li>1. Reset the warning – turn off power and press the Audible Warning button.</li> <li>2. Disconnect the air hoses to reduce pressure, reconnect when pressure has decreased.</li> <li>3. Check for twists in the air hoses between Mattress and Control Unit.</li> </ol>
 <b>Warning LED A+B + audible warning</b>	Alternating Mode Failure (no alternation)	<ol style="list-style-type: none"> <li>1. Reset the warning – turn off Power and press the Audible Warning mute button.</li> <li>2. Disconnect the air hoses to reduce pressure – reconnect when pressure has decreased.</li> </ol>
 <b>Warning LED A,B+C + audible warning</b>	Initialising Failure	<ol style="list-style-type: none"> <li>1. Press the Audible Warning mute button to silence the Audible Warning.</li> <li>2. Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cell is securely attached to its connecting air pipe.</li> <li>3. Check that the Dual Function Connector is firmly attached the Control Unit (located on the left of the Control Unit casing).</li> </ol>



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Although Direct Healthcare Services Ltd will endeavour to provide the exact specification as printed, we reserve the right to change specification without prior notice. All equipment & information within this brochure, should be used in conjunction with appropriate clinical judgement & nursing procedures.

All products manufactured to standards:

