

APM Control Unit

**READ ALL INSTRUCTIONS
BEFORE USING THIS UNIT.**

DANGER – To reduce the
risk of electrocution



1. Always unplug this unit immediately after using.
2. Do not operate near water. Protect unit from humidity and direct wetness.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place in or drop into water or other liquid.
5. Do not reach for a product that has fallen into water. Unplug immediately.

⚠ WARNING To reduce the risk of burns,
electrocution, fire or injury to persons.

1. Use this unit only for its intended use as described in the operating instructions.
2. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Keep the cord away from heated surfaces. Discontinue use if power cord is damaged or worn.
3. Never drop or insert any object into any opening or hose. Keep away from sharp objects.
4. Do not use outdoors.
5. Possible explosion hazard if used in the immediate proximity of flammable gases (risk of explosion).
6. Use only original spare parts and consumables.
7. Plug this product into a correctly grounded outlet only.
8. Before cleaning, unplug unit from its power source. Failure to do so could result in personal injury or equipment damage.
9. Do not use harsh cleansers, solvents, or detergents. Do not expose the unit to excessive moisture. Equipment damage could occur.

See “Additional Safety Notes” on next page.

INDICATIONS FOR USE:

For the prevention and treatment of pressure ulcers.

DIRECTIONS FOR SET-UP

See Owner's Manual for additional instructions

1. Place the mattress on the bed frame with the airline connectors at the foot end of the bed. Mattress has a gray vinyl side that should be down on the bed frame, and a green or silver fabric side that should be face up toward the patient. Confirm that the bed frame is appropriate for use with the mattress, and that the length and width of the mattress are appropriate for the frame. Place directly on a healthcare bedframe only, never on top of another mattress.



WARNING

The fit of the mattress to the bed frame is important. Minimizing spaces or gaps between the mattress and frame will help prevent patient entrapment issues.

2. Hang the control unit on the foot board at the end of the bed using fold-out hangers (Figure A). Connect airlines to control unit by pressing quick connector into port on the side of unit. "Triangle" symbol should face front. (Figure B) Audible "click" indicates secure connection.

Note: If desired, hanger lock strip can be used to help hold control unit more snugly in place on thin footboards such as those often found on home health care beds. To use, place the strip in position around the hanger hooks.



Figure A



Figure B

3. Connect the ends of the air lines with two right angle male connectors to the ports on the side of the mattress. Ports are located beneath a fabric flap near the right front corner of the mattress. Ensure that the airlines are not kinked or twisted. Press connectors into ports until you hear an audible "click" for each. Press flap closed.
4. Ensure that green On/Off switch at side of control unit is "Off". Plug power cord into wall outlet. Press On/Off switch "ON". If the mattress is completely empty of air, this can take as long as 20 minutes. Since this is rarely the case, however, this typically takes no more than 2.5 minutes.

Note: If "Low Pressure" remains on after 30 minutes, call for service.

ADDITIONAL SAFETY NOTES:

1. **Make sure the wall-mounted outlet will accommodate a heavy duty or hospital-grade plug** and that the outlet is in good working order. The plug of the power cord should fit tightly into the wall outlet. The plug body, the wall outlet, and the wall plate should not be cracked or chipped. The plug blades should be securely retained in the plug body. The ground pin of the plug should be intact and secure with no signs of physical damage.

2. **Do not connect the power cord to an extension cord or to a multiple outlet strip.** Whenever possible, avoid the use of extension cords or multiple outlet strips in patient rooms for any medical electrical equipment since they are highly vulnerable to physical damage that can cause fires. If the use of extension cords or multiple outlet strips cannot be avoided, use only heavy duty or hospital-grade connectors that are approved by the engineering department. Extension cords and multiple outlet strips should only be installed by properly-trained electrical maintenance personnel. Multiple outlet strips should be mounted on a fixed object (e.g. equipment cart or night stand) to reduce the risk of liquid spills and physical damage. All extension cords and multiple outlet strips should be tagged and inspected routinely.
3. **Visually inspect the power cord for damage.** Power cords can sustain damage from crushing, pinching, shearing, cutting, or from being worn through from cleaning solutions. They can also be damaged by bed movement, deterioration from use or aging, or human or equipment traffic. Furniture placement too close to a power cord can also be hazardous. The cord's insulation should be intact and there should be no evidence of bulging, stretching, crimping, cracking, or discoloration, especially at the ends, where the cord is attached to the plug body and to the connector to the equipment.
4. **Do not cover the bed's power cord or any power cord with a rug or carpet.** Rugs or carpets can prevent normal air flow, which can lead to greater heat build-up. Covered power cords are also more prone to being walked on or having furniture placed directly on them. The bed maintenance staff should place the cord in a low or no traffic area.
5. **Check to be sure the vertical motion of the bed does not interfere with the bed's power cord, plug, or air lines.** The air lines and power cords should not be threaded through mechanical parts of the bed or bed rails where normal bed movement may damage or cut the cable.
6. **Check equipment and power supplies regularly for indications of overheating or physical damage.** Make sure the power supplies are plugged into a wall socket where they cannot be contacted by bed clothes, bedding, etc.
7. **Report to maintenance personnel any unusual sounds, burning odors,** or any other signs of shorts, sparks, or shocks and discontinue use immediately.
8. **Do not attempt to repair the power cord or use another type power cord with the product.** Call Span-America Medical Systems, Inc. Customer Service at 800/888-6752 for service or replacement power cords.