Emerald
SUPPLY

SELECTIS ALTERNATING PRESSURE PUMP AND MATTRESS
USER MANUAL

Model 61061 & 61062

Important Safeguards

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following

READ ALL INSTRUCTIONS BEFORE USING

DANGER

To reduce the risk of electrocution:

- Always unplug this product immediately after use.
- Do not use while bathing.
- Do not place or store product where it can fall or be pulled into a tub or sink.
- Do not place or drop into water or other liquids.
- 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:

- A product should never be left unattended when plugged in.
- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only for the intended use as described in this manual.
- Do not use attachments not recommended by the manufacturer.
- 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. Return the product to a service center for examination and repair.
- Keep the cord away from heated surfaces.
- Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair and the like.
- Never drop or insert any object into any opening or hose.
- Do not use outdoors or operate where aerosol (spray) products are being used.
- Connect this product to a properly grounded outlet only. See Grounding Instructions.

GROUNDING

Before any connection is made, make certain that this product is connected to a protective earth conductor via the three-wire power cord; the three-blade plug should be inserted only into a socket outlet that provides a protective earth contact.

SAVE THESE INSTRUCTIONS
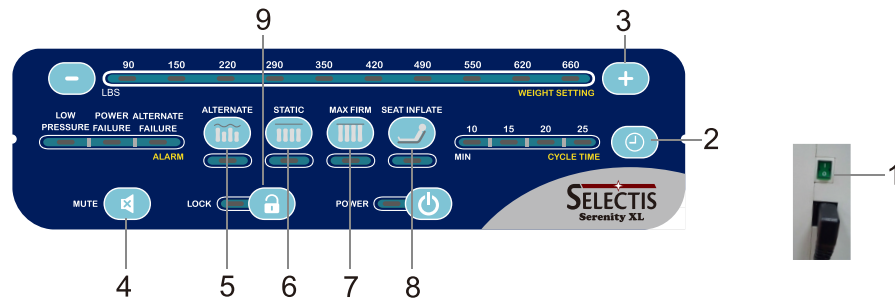
Product Functions

Intended Use

The Selectis Serenity XL pump and mattress are intended to reduce the incidence of pressure ulcers while optimizing patient comfort. It also provides the following:

- Individual home care setting and long-term care
- Pain management as prescribed by a physician

Pump

The functions of the Selectis Serenity XL pump are described below. Please refer to the below figures.

- Power Switch(1)
  - The switch is at the right side of the pump.
  - Turn ON/OFF the power and press Power button on the panel, the pump will start/stop operation.
- Press Cycle Time(2)
  - The cycle time is selectable from the panel.
  - The cycle time value can be either 10, 15, 20, or 25 minutes.
- Press Pressure Range(3)
  - 20mmHg~65mmHg is offered from the panel, providing options of pressure value by easy press.
- Alarm Mute(4)
  - The audible/visible alarm turns on after 1 minute when low pressure, power failure or alternate failure.
  - To mute the audible alarm, press the Alarm Mute button. The visible alarm indicator will flash till problem solved.
  - Re-press the Alarm Mute button to reactivate the alarm.

- Alternate mode(5)
  - Press to set the air mattress in alternate mode.
- Static mode(6)
  - Press to set the air mattress in static mode.
- Max Firm(7)
  - Press to set the air mattress in quick inflation mode, which facilitates nursing and caring.
- Seat Inflate(8)
  - Press to set the air mattress in seat inflate+alternate or seat inflate+static mode, pressure value will increase by 5mmHg, which facilitates seating.
  - Under max firm mode, because the pressure is already set at the largest value, no more 5mmHg will be increased.
- Lock button(9)
  - The panel will automatically lock in 5 minutes without operation.
  - Press the lock button and hold for 3 seconds, to lock or unlock the panel.

Mattress

The Selectis Serenity XL pump comes with 10'' Nylon/PU cell on cell mattress. 42'' and 48'' width are optional for mattress.

Installation & Operating Instructions

- Place pump on horizontal surface or hang it by means of the hook.

- Open mattress on the bed. Secure it with end flaps or straps.

- Connect air feed tubes to air outlet on the mattress and pump, ensuring that the tubes are not "kinked" or twisted. Allow space for bed rails to drop freely.

- Turn on the power. After a beep sound, the pump will begin the operation.

- The pump will enter static mode initially when the power is turned on. The cycle time is set at the 1st LED (10 min.), and the pressure level is set at the 3rd LED (30±2mmHg). First it will inflate the mattress to 10-15±2 mmHg and then enter alternate mode.

- During normal operation, the pump will monitor pressure changes. If the pressure is below a user-defined pressure level, the pump will automatically start to inflate the mattress. The pump will stop when the user-defined pressure level is reached.

- The first inflation of new mattress: the alarm function (visible and audible alarm) will activate if mattress is not inflated completely within 40 minutes.

- During pump is running, low pressure alarm will activate within 1 minute after air tubes are disconnected or air cells are broken.

- If there should be power failure, for example caused by power cord unplugged or power off when pump is working, the audible alarm will be activated and power failure indicator will flash. When power is back, pump will automatically start working, do not need to press power button on the panel again.

- If the mattress stops alternating or alternate abnormally, the audible alarm will be activated and the alternate failure indicator will flash.

- For nursing and caring convenience, press the max firm button to automatically inflate the mattresses to the maximum level (65mmHg) for about 20 minutes. The pressure will return to alternate mode after 20 minutes.

Environment Requirements

- Operaton Temperature: 50℉~95℉ (10℃~35℃)
- Storage Temperature: 5℉~122℉ (-15℃~50℃)
- Operaton Humidity: 20%~80% non-condensing
- Storage Humidity: 10%~90% non-condensing

Cleaning Guidelines

- Can be cleaned by disinfectant solution
- Do not immerse the pump in water
- Do not heat or steam in autoclave
- The matress and cover are aerated until they are fully dry

Maintenance

General
- Check the power cord and plug to see if there are abrasions or excessive wear.
- Check the mattress cover for signs of wear or damage. Ensure the mattress cover and tubes are connected together correctly.
- Plug in the pump unit and check the airflow from the hose connection port. The airflow should alternate between ports every half-cycle time.
- Check the air hoses to see if there are any kinks or breaks. For replacement, please contact your local agent or dealer.
- Make sure the mattress tube is well connected.
- Check the pump unit and make sure both power indicators are off when the switch is turned off.

Low pressure
Examine if there is any air leakage between the pump and the mattress connections or from the air mattress tubes:
- Check connectors between the air mattress and pump. If there is any disconnection, please reconnect it.
- Check the CPR Valves. Ensure their outlets are sealed.
- Check the air-connecting tubes. Ensure each single cell is not broken.
- Set the pressure at Max firm. Keep the tubes fully inflated and inspect for air leakage.
- Check if there is any air leakage from cells. Ensure no leakage occurs. If any leakage occurs, please contact your local agent or dealer.

Technical Specifications

Pump	Mattress
Item: Selectis Serenity XL	Item: Selectis Serenity XL-61061 Selectis Serenity XL-61062
Power supply: 120V/60Hz, 1A	Size: 80''(L) x 42''(W) x 10''(H) 80''(L) x 48''(W) x 10''(H)
Air output: 13 liter/min.	Top cover: Quilted bi-elastic cover with zipper
Pressure range: 20 mmHg – 65 mmHg	Air cells: Nylon TPU (10'' cell on cell structure with 6'' upper layer alternating and 4'' lower layer static)
Cycle time: 10/15/20/25 min.	Base: Nylon / PVC 840D
Max firm mode	20 air cells
Alarm: Low pressure/Power failure/ Alternate failure	CPR valve for emergency procedures
Alternate/Static/Seat inflate mode	Transport function
Size: 34cm(L) x 12.5cm(W) x 24.4cm(H)	Quick connectors
Weight: 3.5 kg	Pillow function

Warranty

Your Emerald Supply branded product is under warranty to be free of defects in materials and workmanship for 2 years from the date of purchase for the original consumer purchaser.

This device was built to exacting standards and carefully inspected prior to shipment. This Limited 2 Year Warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service.

This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement.

If you have a question about your Emerald Supply device or this warranty, please contact an authorized Emerald Supply dealer.

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