Atrium Express Mini 500
Dry Seal Chest Drain

Description
- The Atrium Express Mini 500 Dry Seal Chest Drain is a disposable, waterless operating system with 500 ml collection volume, a non-adjustable dry suction regulator preset at -20 cmH₂O, and a dry one-way valve for seal protection.

Set up
- **Step 1 – Select catheter adapter**
  Select appropriate adapter and secure firmly into distal end of patient tube.
- **Step 2 – Connect patient tube to patient**
  Close patient tube clamp prior to connecting patient tube to catheter. Insert connector firmly into catheter.
- **Step 3 – Connect patient tube to chest drain**
  Remove red disposal cap. Connect patient tube to chest drain.
- **Step 4 – Open patient tube clamp**
  Clamp must remain open at all times when system is connected to patient. Open clamp prior to initiating suction.
- **Step 5 – Connecting to suction**
  When suction is prescribed by the physician, firmly attach suction line to suction port. Slowly increase suction source vacuum to -80 mmHg or higher. The suction control regulator is preset to -20 cmH₂O.

What to check during system operation

- **Placement of unit**
  During patient ambulation or when patient is confined to bedrest, always place unit below patient’s chest in upright position. Use hanger provided for bed rail attachment. Only use belt straps as directed for patient ambulation.
- **Suction port**
  When suction is required, firmly attach the suction source line to the suction port located on the top of chest drain.
- **Suction source**
  Suction source should provide a minimum vacuum pressure of -80 mmHg at 20 liters of airflow per minute.
- **Fixed suction regulator**
  The non-adjustable dry suction regulator is preset at -20 cmH₂O vacuum setting and will automatically compensate for moderate changes in vacuum source pressure.
- **Dry one-way seal valve**
  The dry seal valve does not require water for seal protection during patient use. The one-way dry seal valve is not position sensitive.
- **Vacuum indicator**
  A mark symbol is visible in the vacuum indicator window when vacuum is present inside the chest drain. When no vacuum is present inside chest drain, the mark symbol will not appear.
- **Collection chamber**
  The collection chamber is graduated in 10 ml increments up to a maximum capacity of 500 ml.

Frequently asked questions

Is the Express Mini position sensitive?
The dry seal valve is not position sensitive during operation. However, fluids do have the potential to leak out of the top of the drain if it is tipped at a severe angle. Therefore, whether the patient is ambulating or confined to bedrest, it is recommended to always maintain the unit below the patient’s chest in an upright position.

Can suction be applied to the drain?
Yes. At the physician’s discretion, the Express Mini can be connected to suction. After attaching the suction line to the suction port, increase the suction source vacuum to -80 mmHg or higher. The non-adjustable dry suction regulator is preset to -20 cmH₂O.

Do I need to add water to the drain?
No. The Express Mini does not require water to operate. However, fluid must be present in the drain to check for an air leak. If fluid is not present, you can add 20 ml of sterile water or saline through the needleless Luer port on the front of the drain. Follow the instructions on how to check for an air leak.

What does the mean? When the mark symbol appears it means vacuum is present inside the chest drain. When no vacuum is present inside the chest drain, such as when the patient has an air leak on gravity drainage, the mark symbol will not appear. The mark symbol may appear intermittently with respiration.

What should I do when the drain fills?
The Express Mini can be replaced with a new one. An in-line connector and removable clamp are provided to make change out easy.

Have a question or need help in a hurry? Call Getinge toll free at 1-800-528-7486.