



CRYSTALLINE™ ECO RIGID CANISTER SYSTEM

	DO NOT REUSE
	NON-STERILE
	NOT MADE WITH NATURAL RUBBER LATEX
RX ONLY	FEDERAL U.S.A. LAW RESTRICTS THIS DEVICE TO SALE OR USE BY OR ON THE ORDER OF A PHYSICIAN OR PROPERLY LICENSED PRACTITIONER.

IMPORTANT INFORMATION

Please carefully read all instructions, warnings, and cautions before use. Correct setup is essential for proper functioning of product.

INTENDED USE

The DeRoyal™ Crystalline™ ECO Rigid Canister System is for the collection and aspiration of surgical and medical fluids.

CONTRAINDICATIONS

- Not intended for long-term storage of bodily fluids.
- Fluids that may enter the system should not be reintroduced into the body.
- Not recommended for pleural drainage or liposuction.

WARNINGS

- Product vacuum resistance tested to 27 inHg (685mmHg). **DO NOT** exceed this pressure.
- Minimum recommended pressure: 1.18 inHg (30 mmHg).
- Inspect the canister for visible cracks or broken components. The rim should be smooth and free of any burrs to ensure proper function. Replace at healthcare professional's discretion.
- **DO NOT** use lid if filter is or has been wet as product will not suction.
- **DO NOT** reuse or attempt to sterilize.

CAUTIONS

- Canisters should not be used for the collection of specimen or samples that are used for testing and/or diagnosis.
- Ensure all connections are secure. Improper setup may result in product malfunction or loss of suction.
- Avoid tilting, which can result in premature shutoff or inaccurate volumetric readings. The product should be maintained on a level surface.
- Induce vacuum into canister only at the beginning of procedure. Shut off vacuum when not in use. For optimal performance, it is recommended that the suction tubing used is no less than 6mm (~1/4") inside diameter and no longer than 6 meters (~20 feet) in length; however, tubing with an internal diameter of 4.7mm (3/16") may be used.
- All measurements are approximate.
- When handling the canister, utilize universal personal protective equipment including gloves, face mask, and proper clothing to ensure protection from splashes during transport and disposal of aspirated fluid in the container.



DIRECTIONS FOR SINGLE CANISTER USE

1. Attach lid to canister by snapping lid in place on rim of canister body so lid is firmly seated around the entire circumference of the canister.
2. Attach vacuum tubing to "Vacuum Port"
3. Attach patient tubing to "Patient Port."
4. "Tandem Port" must be capped for single canister use.
5. Large cap must be firmly placed on pour spout.

DIRECTIONS FOR SINGLE CANISTER USE

(1200CC WITH DIRECT-TO-REGULATOR ATTACHMENT)

1. Attach lid to canister by snapping lid in place on rim of canister body so lid is firmly seated around the entire circumference of the canister.
2. Attach "Vacuum Port" directly to the regulator on the wall by screwing clockwise the diameter index safety system (DISS) nut onto the threaded male connector on the regulator.
3. Attach patient tubing to "Patient Port."
4. "Tandem Port" must be capped for single canister use.

DIRECTIONS FOR TANDEM CANISTER USE

1. Hook vacuum tubing from the regulator on the wall to the manifold connection on the side of the roll stand.
2. Place rigid canisters into the ring brackets on the roll stand. Connect the blue vacuum hose on the ring bracket to the vacuum port on the canister lid for all canisters in the roll stand.
3. Use one piece of 18" funnel tubing and attach one end to the "Patient Port" on the lid of the first canister to be used in tandem sequence.
4. Attach the other end of the 18" tubing to the "Tandem Port" on the lid of the next canister.
5. Attach patient tubing to the remaining open "Patient Port" on the last canister. This tubing should go directly to the patient. Attach Yankauer to the end of the tubing.
6. Cap off all open ports on the canister.
7. Make sure all "on/off valves" are in the "On" position for canisters being used in tandem.

DIRECTIONS FOR 4-TANDEM CANISTER USE

1. Hook vacuum tubing from the regulator on the wall to the manifold connection on the side of the roll stand.
2. Place rigid canisters into the ring brackets on the roll stand. Connect the blue vacuum hose on the ring bracket to the vacuum port on the canister lid for all canisters in the roll stand.
3. Use one piece of 18" funnel tubing and attach one end to the "Patient Port" on the lid of the first canister to be used



in tandem sequence.

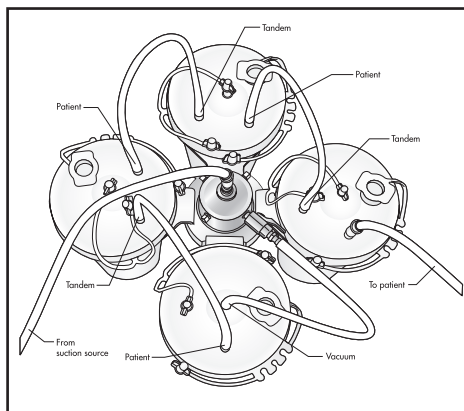
4. Attach the other end of the 18" tubing to the "Tandem Port" on the lid of the next canister.
5. Cap off all open ports on the canister.
6. Follow instructions (Steps 3-5) to attach additional tubing to the rest of the canisters used in the tandem setup.
7. Attach patient tubing to the remaining open "Patient Port" on the last canister. This tubing should go directly to the patient. Attach Yankauer to the end of the tubing.
8. Double-check to make sure open ports on ALL canisters are capped off. If all ports are not capped, no vacuum will be created.
9. Make sure all "on/off valves" are in the "On" position for canisters being used in tandem.

DIRECTIONS FOR 8-TANDEM CANISTER USE

1. Hook vacuum tubing from the regulator on the wall to the manifold connection on the "bottom shelf" of the roll stand.
2. Place rigid canisters into the ring brackets on the roll stand. Connect the blue vacuum hose on the ring bracket to the vacuum port on the canister lid for all 8 canisters in the roll stand.
3. Use one piece of 18" funnel tubing and attach one end to the "Patient Port" on the lid of the first canister to be used in tandem sequence on the "top shelf" of canisters on the roll stand.
4. Attach the other end of the 18" tubing to the "Tandem Port" on the lid of the next canister.
5. Cap off all open ports on the canister.
6. Repeat Steps 3-5 until all canisters on the "top shelf" are hooked up in tandem.
7. Attach one end of a piece of 20"- 36" funnel tubing to the remaining open "Patient Port" on the last canister on the "top shelf."
8. Attach the other end to the "Tandem Port" on the first canister to be used in tandem sequence on the "bottom shelf" of canisters on the roll stand.
9. Repeat steps 3-5 until all canisters on the "bottom shelf" are hooked up in tandem.
10. Attach patient tubing to the remaining open "Patient Port" on the last canister. This tubing should go directly to the patient. Attach Yankauer to the end of the tubing.
11. Double-check to make sure open ports on ALL canisters are capped off. If all ports are not capped, no vacuum will be created.
12. Make sure all "on/off valves" are in the "On" position for canisters being used in tandem.

DIRECTIONS FOR DISPOSAL

1. Disconnect tubing.
2. Ensure that pour spouts and all ports are sealed with caps.
3. To empty contents, if desired, remove pour spout cap and pour contents from container.
4. Dispose of drainage and disposable canister in compliance with local, state and federal requirements.



STORAGE AND TRANSPORT CONDITIONS

DO NOT store product at extreme temperatures or in a moist damp environment.

	KEEP DRY
	KEEP AWAY FROM SUNLIGHT

WARRANTY

DEROYAL® PRODUCTS ARE WARRANTED FOR NINETY (90) DAYS FROM THE DATE OF SHIPMENT FROM DEROYAL AS TO PRODUCT QUALITY AND WORKMANSHIP. **DEROYAL'S WRITTEN WARRANTIES ARE GIVEN IN LIEU OF ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**



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