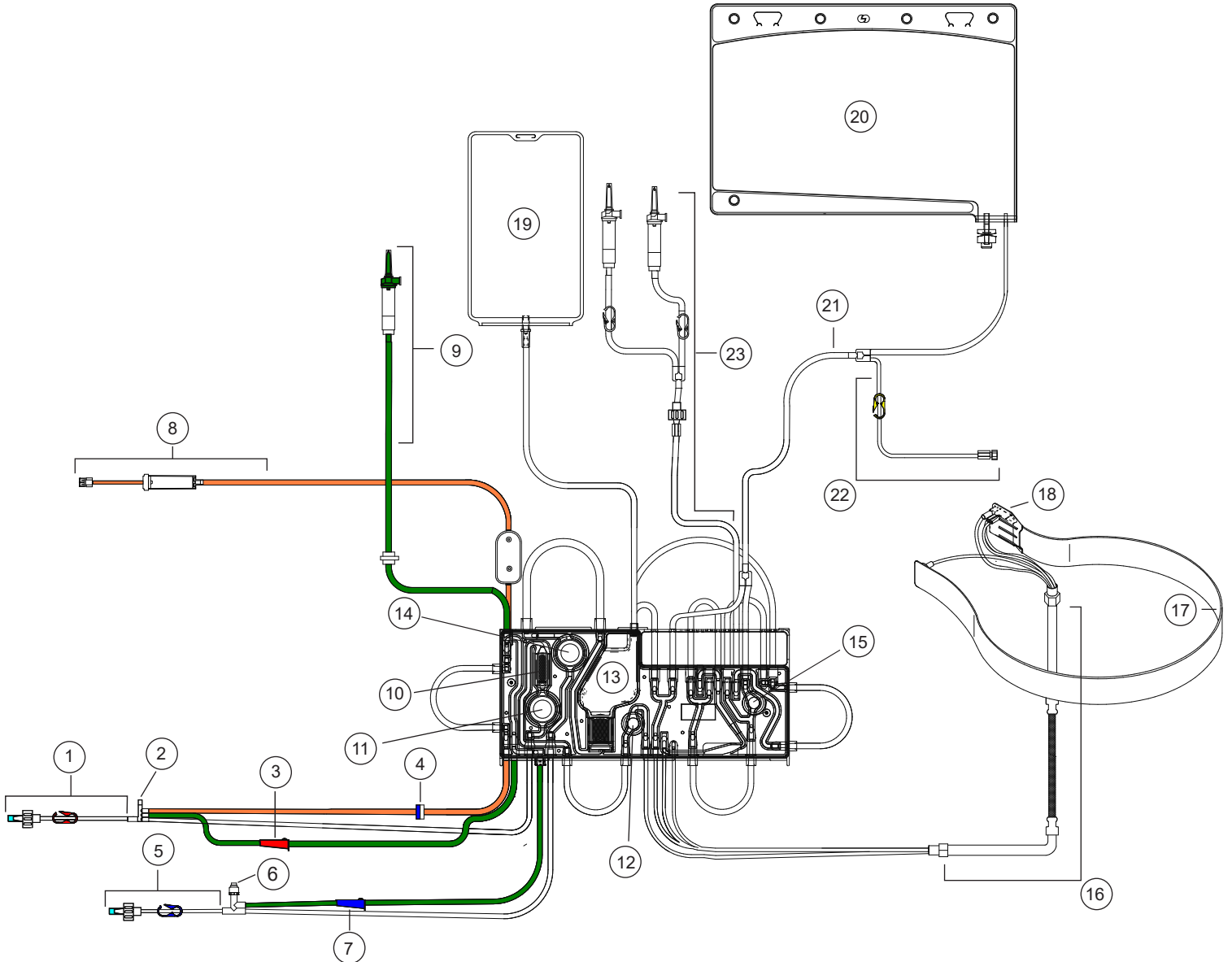


Put cursor on number  
or click for description

# Spectra Optia® Exchange Set

Catalog No. 12220



- 1 Inlet line
- 2 Inlet line manifold
- 3 Inlet saline line clamp (red)
- 4 AC check valve
- 5 Return line
- 6 Return line manifold
- 7 Return saline line clamp (blue)
- 8 Anticoagulant (AC) line (orange)

- 9 Saline line (green)
- 10 Inlet line trap
- 11 Inlet pressure sensor diaphragm
- 12 Centrifuge pressure sensor diaphragm
- 13 Reservoir
- 14 Return pressure sensor diaphragm
- 15 Plasma pressure sensor diaphragm
- 16 Centrifuge loop

- 17 Channel
- 18 Connector
- 19 Vent bag
- 20 Remove bag
- 21 Remove line
- 22 Extra remove line
- 23 Replace line

## **Spectra Optia® Exchange Set**

### **Catalog No. 12220**

### **Part Descriptions**

1. Inlet line: Used to carry anticoagulated blood from the patient to the channel. Includes:
  - Luer connector (male): Connects the inlet line to the patient inlet access.
  - Inlet line clamp (red): Used to clamp the inlet line.
2. Inlet line manifold: Provides a connection point for the inlet line, the AC line, and the inlet saline line. Includes an injection port.
3. Inlet saline line clamp (red): Used to close the inlet saline line or to control the flow of saline to the patient.
4. AC check valve: Allows the system to pump AC through the tubing but prevents the free flow of AC.
5. Return line: Used to carry fluid from the reservoir to the patient. Includes:
  - Luer connector (male): Connects the return line to the patient return access.
  - Return line clamp (blue): Used to clamp the return line.
6. Return line manifold: Provides a connection point for the return line and the return saline line. Includes:
  - Injection port (needleless): Provides an access site for the infusion of medication or the drawing of samples.
7. Return saline line clamp (blue): Used to close the return saline line or to control the flow of saline to the patient.
8. Anticoagulant (AC) line (orange): Used to carry AC from the AC container to the inlet line manifold. Includes:
  - Luer connector: Unique connector used to connect an ACD-A bag that has a compatible luer connector.
  - Sterile barrier filter (0.2 microns): Prevents air from entering the line.
9. Saline line (green): Used to carry saline from the saline container to the inlet line manifold and to the return line manifold. Includes:
  - Spike (green): Used to spike the saline container.
10. Inlet line trap: Prevents larger solid cellular matter from entering the channel.
11. Inlet pressure sensor diaphragm: Attaches to the inlet pressure sensor on the front panel to monitor pressure in the inlet line.
12. Centrifuge pressure sensor diaphragm: Attaches to the centrifuge pressure sensor on the front panel to monitor pressure in the channel and the lines in the centrifuge.

13. Reservoir: Used to hold the fluid that is returned to the patient. Includes a 200-micron filter.
14. Return pressure sensor diaphragm: Attaches to the return pressure sensor on the front panel to monitor pressure in the return line.
15. Plasma pressure sensor diaphragm: Attaches to the plasma pressure sensor on the front panel to monitor pressure in the plasma line.
16. Centrifuge loop: Consists of lines that are loaded in the centrifuge. Includes:
  - Four-lumen tubing: Used to carry fluid into and out of the channel.
  - Sleeves: Used to reinforce the tubing.
  - Collars: Used to secure the ends of the loop in the centrifuge.
  - Bearings: Used to connect the loop to the centrifuge.
17. Channel: Used during centrifugation to separate the patient's blood into cellular components.
18. Connector: Secures the lines that carry the separated components out of the channel.
19. Vent bag: Holds air that is displaced from the system.
20. Remove bag: Holds removed blood components.
21. Remove line: Used to carry removed blood components to the remove bag.
22. Extra remove line: Used to carry removed blood components to an extra remove bag or to an extension line, if connected. Includes:
  - Luer connector (female): Connects the extra remove line to an extra remove bag or to an extension line.
  - Clamp (yellow): Used to clamp the extra remove line.
23. Replace line: Used to carry replacement fluid from the replacement fluid container to the reservoir. Includes:
  - Spikes (white): Used to spike the replacement fluid container.
  - Clamps (white): Used to clamp the lines to the spikes for the replacement fluid.
  - Luer connector (male/female): Connects the replace line to a filter or blood warmer tubing, if used.