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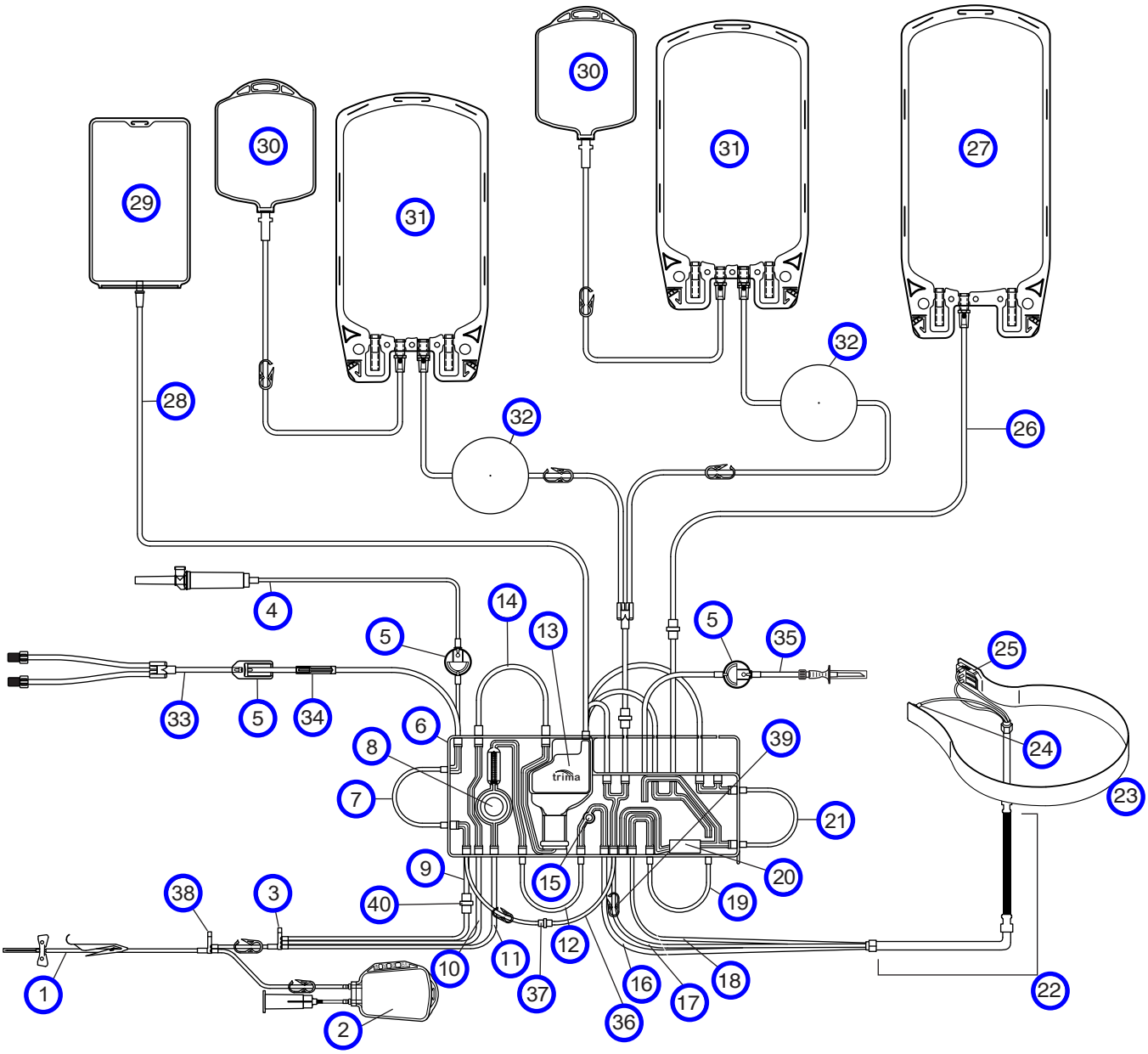
TERUMO BLOOD AND CELL TECHNOLOGIES

Trima Accel® Auto RBC, Plasma Set

Catalog No. 80520



1 Donor line
2 Sample bag
3 AC/draw/return manifold
4 Anticoagulant (AC) line
5 Sterile barrier filter
6 Cassette
7 AC pump header
8 Draw/return pressure sensor
9 AC line
10 Return line
11 Draw line
12 Inlet pump header
13 Return reservoir
14 Return pump header
15 Centrifuge pressure sensor
16 Inlet line to centrifuge
17 RBC line from centrifuge
18 Plasma line from centrifuge
19 Plasma pump header
20 Cassette label
21 Platelet pump header
22 Centrifuge loop
23 Channel
24 Inlet port
25 Collection chamber
26 Plasma collect line
27 Plasma bag
28 Vent bag line
29 Vent bag
30 Air removal bag
31 RBC bag
32 Auto RBC filter
33 Auto RBC line
34 Frangible connector
35 Replacement fluid line
36 Crossover line
37 Crossover line check valve
38 Sample bag manifold
39 Channel clamp
40 AC check valve

Trima Accel® Auto RBC, Plasma Set
Part Descriptions

1. **Donor line** – provides access to the donor for draw and return.
2. **Sample bag** – used for the collection of blood samples from the donor and the diversion of the first aliquot of blood.
3. **AC/draw/return manifold** – consists of the access to the injection site and the connections for the AC line (4), the draw line (11), and the return line (10).
4. **Anticoagulant (AC) line (with orange spike)** – carries AC from the AC bag to the cassette (6).
5. **Sterile barrier filter** – a 0.2-micron filter that prevents bacteria from entering the system, thereby maintaining a functionally closed environment for the collection of blood components.
6. **Cassette** – guides the flow of blood and products through the tubing set.
7. **AC pump header** – the tubing segment that fits into the AC pump.
8. **Draw/return pressure diaphragm** – allows the draw/return pressure sensor to monitor pressure at the donor access site.
9. **AC line** – carries AC from the cassette (6) to the AC/draw/return manifold (3).
10. **Return line** – carries blood components back to the donor.
11. **Draw line** – carries anticoagulated whole blood into the tubing set.
12. **Inlet pump header** – the tubing segment that fits into the inlet pump.
13. **Return reservoir** – holds uncollected components for return to the donor. Contains a return filter (200 micron) to prevent the return of microaggregates to the donor.
14. **Return pump header** – the tubing segment that fits into the return pump.
15. **Centrifuge pressure sensor** – detects high pressure in the centrifuge. Also monitors for high pressure in the Auto RBC filter during collection.
16. **Inlet line to centrifuge** – carries blood to the centrifuge.
17. **RBC line from centrifuge** – carries red blood cells from the centrifuge for collection or return to the donor.
18. **Plasma line from centrifuge** – carries plasma from the centrifuge for collection or return to the donor.
19. **Plasma pump header** – the tubing segment that fits into the plasma pump.
20. **Cassette label** – used by the Trima Accel system RBC detector to identify a tubing set as capable of collecting Platelet products.
21. **Platelet pump header** – the tubing segment that fits into the platelet pump.

22. **Centrifuge loop** – consists of the following:
    - Four-lumen tubing – carries fluid into and out of the channel.
    - Sleeves – used to reinforce the tubing at flex points.
    - Collars – used to secure the two ends of the loop in the centrifuge.
    - Bearings – the contact points between the centrifuge arm and the loop.
23. **Channel** – contains blood components as they are separated.
24. **Inlet port** – routes incoming blood into the channel.
25. **Collection chamber** – routes separated blood components to the appropriate collect lines.
26. **Plasma collect line** – carries the collected plasma to the plasma bag (27).
27. **Plasma bag** – 1 L bag that holds collected Plasma product.
28. **Vent bag line** – carries displaced air to and from the vent bag (29).
29. **Vent bag** – holds displaced air from the system.
30. **Air removal bag** – used to remove air from the RBC bag (31).
31. **RBC bag** – a bag for storage of concurrently collected RBC product.
32. **Auto RBC filter** – leukoreduces red blood cells during collection.
33. **Auto RBC line** – carries RBC storage solution to the RBC product post-collection and after the donor is disconnected.
34. **Frangible connector** – occludes the line to prevent flow of air or fluid; when broken, allows the flow of RBC storage solution into the RBC product bag(s).
35. **Replacement fluid line (with green spike)** – used to deliver replacement solution to the return reservoir that is then delivered to the donor during the procedure.
36. **Crossover line** – used to bypass the channel when adding RBC storage solution to the RBC product post-collection and after the donor is disconnected.
37. **Crossover line check valve** – works with the crossover line clamp to prevent blood from entering the crossover line during collection.
38. **Sample bag manifold** – consists of the access to the injection site and the connections for the draw line (11) and the sample bag (2).
39. **Channel line clamp** – isolates the channel during storage solution delivery to the RBC product.
40. **AC check valve** – works with the crossover line check valve to allow the system to monitor the pressure in the Auto RBC filter during RBC storage solution delivery.