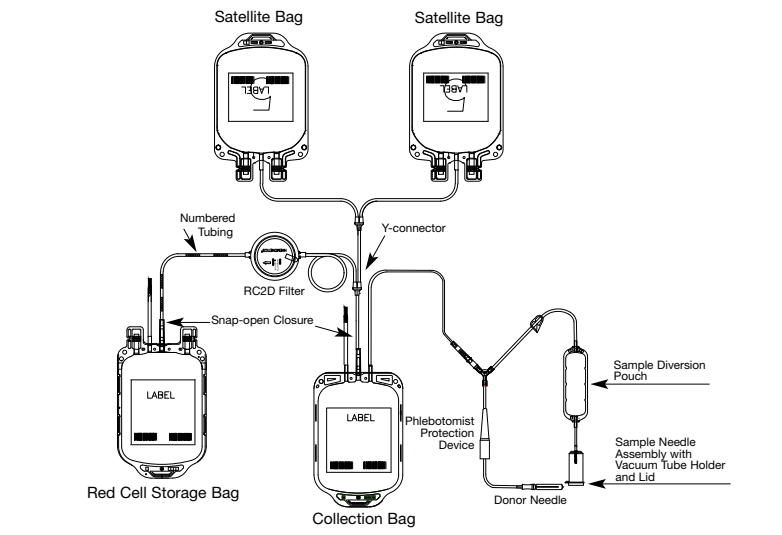
Leukotrap® RC System with RC2D Filter

The universal blood collection system for leukoreduced red blood cells

RBC IN-LINE SYSTEMS

Leukotrap RC System with RC2D Filter



Reorder code: 129-63

A closed system for collection of one unit of whole blood and the pre-storage leukoreduction of packed red blood cells followed by the subsequent storage of red blood cells, platelets and plasma.

Indication

Filtration of packed red blood cells up to 72 hours

Blood Components Produced

- Leukoreduced red blood cells
- Non-leukoreduced platelet concentrates (PC)
- Non-leukoreduced plasma

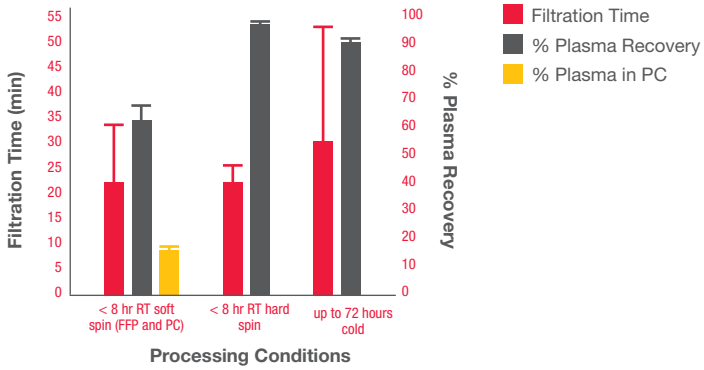
Performance

RC2D Leukocyte Reduction Filter—A Product Innovation for All Processing Conditions

The RC2D Leukocyte Reduction Filter consists of two key state-of-the-art design concepts: dual media disks and innovative flow manifold. This unique design increases the filtration surface area by 50% over single-sided filters providing consistent performance across a broad range of processing conditions with greater plasma recovery and lower, more consistent white blood cell residuals.

- Reduces filtration times under all processing conditions, even 72 hours in the cold
- Maximized plasma recovery over WB in-line systems by as much as 10%
- Adaptable to semi-automated processing

Performance Characteristics of the Leukotrap RC System with RC2D Filter under Routine Use Condition*



* Filtration time data represents 466 data points collected from 7 different customer sites under routine use conditions. Percent plasma recovery data were collected under controlled laboratory and routine use conditions.

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RBC In-Line System Specifications

Conditions of Use

Shelf Life:

- 3 years in unopened foil pouch.
- 30 days in an opened/resealed foil pouch.
- The set can be removed from its foil pouch and plastic outer wrap packaging and stored for up to 4 days exposure at room temperature with no compromise of product solution integrity.

Storage Conditions: Room temperature; avoid excessive heat; protect from freezing.

Single Use.

Collection

Latex Content: This product is free of natural rubber latex.

Collection Volume: 500 mL +/- 10%.

Needle Protection Device: For reducing needlestick injury.

Ultra Thin Wall 16-gauge Needle: Type 304 stainless steel siliconized for lubricity.

- 100% tested for needle sharpness for donor safety and comfort.
- User friendly, finger contoured needle hub with a "bevel-up" indicator.
- Tamper evident needle cover.

In-line Sampling System: Sample Diversion Pouch Sampling System.

- Diverts 42 mL of initial blood collected.
- Reduces donor chair time by providing test sample access while collection bag is filling.
- Efficient test sample collection process with pre-attached vacuum tube holder with lid.

Processing & Storage of Blood Products

Anticoagulant: 70 mL Citrate Phosphate Double Dextrose (CP2D).

Additive Solution: 110 mL, AS-3 (Nutricel® Solution).

Filter: RC2D Leukocyte Reduction Filter.

- Filter housing hold-up volume – approximately 35 mL.
- White cell residuals consistently averaging less than 1 x 10^6; well below industry standards and guidelines.
- RBC recovery averages greater than 90% under all processing conditions (< 8 hours soft spin, < 8 hours hard spin and 72 hours hard spin).

Plastic:

- Except for the CLX® platelet storage container, all bags and tubing are polyvinyl chloride (PVC) with di (2-ethylhexyl) phthalate (DEHP) plasticizer.
- The CLX container is PVC with tri (2-ethylhexyl) trimellitate (TEHTM) plasticizer. This proprietary plastic is transparent, flexible and gas permeable and designed to maintain acceptable pH over the component's shelf life.

Tubing: All tubing is compatible with standard sterile tubing connection devices.

Snap-open Closures: For easy, fast opening of fluid paths between bags.

Satellite Bags: Standard (STD), i.e., DEHP plastic bag, or CLX platelet storage bag, as indicated. ***Note:*** *For those systems with CLX storage bags attached, plasma may be stored.*

Blood Bag Labels: Enhanced paper for improved adhesion of overlabels.

Blood Product Dating:

- Up to 42 days at 1-6 °C for red blood cells, leukoreduced.
- Up to 5 days at 20-24 °C for platelet concentrates in a CLX storage bag.
- Up to 1 year at < -18 °C for fresh frozen plasma and cryoprecipitate in CLX or standard bag.

Testing

Crossmatch Segments: 16.

QC Sampling: Plugged tubing leg on the final red cell storage bag.

Ordering Information

Leukotrap® RC Systems with RC2D Filter – Case Quantity: 18 (3 sets per foil pouch, 6 pouches per case)

Reorder Code	Anticoagulant/Additive	Fill Volume (mL)	Set Configuration*	Satellite Bags
129-62	CP2D/AS-3	500	Double	1 Standard
129-63	CP2D/AS-3	500	Triple	2 CLX
629-63	CP2D/AS-3	500	Triple	2 Standard
129-64	CP2D/AS-3	500	Quad	3 CLX

* Represents number of functional bags including final red cell storage bag.

Rx Only

For a list of worldwide office locations and contact information, visit www.haemonetics.com/officelocations