

**Alyx**  
Component Collection System

**EXPAND THE POSSIBILITIES**



# Truly Mobile Automation

Lightweight housing

Icon-based touch screen

Quick Connect System

Integrated solutions

Stair-Climbing Wheels

Rugged Cart Frame



## Productivity with Alyx



### Three procedures to choose from:

- 2RBC
- RBC/Plasma
- Plasma

### Truly Mobile Automation

Alyx is designed to go mobile with easy transport, set-up and operational features. With its compact design and pre-attached solutions, Alyx is uniquely positioned for efficient mobile red blood cell (RBC) and plasma collections.

### Collection Needs Dynamic

Alyx enables you to collect test-ready components chair-side and have the flexibility to collect the most needed components based on each donor's blood type, qualifications and blood center needs. Your collection needs are dynamic; your collection system needs to be as well.

#### Three procedures to choose from:

- Two units of red cells
- One unit of red cells with up to three units of plasma
- Up to four units of plasma (up to 825 mL)

### Ease of Use

- Combines component collection, separation and leukoreduction into one process
- Icon-based touch screen
- Intuitive help screens provide issue resolution

### Easy Set-Up

- Closed system disposable kits
- Single easy-to-load cassette
- Integrated solutions – fewer items to gather and transport

### Donor-Friendly

- Provides donor comfort by maintaining the donor's isovolemic state
- No ethylene oxide is used in the sterilization of kits
- Completes collections, on average, in less than 30 minutes for 2RBC, less than 45 minutes for plasma<sup>1</sup>
- Perfect for mobile drives at high school and college campus locations or community collections

<sup>1</sup>Data on file at Fresenius Kabi



The Alyx cart increases mobility with stair-climbing wheels.

## Minimal Lab Processing

- Produces consistent test ready red cell and plasma products
- Minimal steps required in lab
- Automated leukoreduction of red cells
- Adsol metered into final red cell product

## Improve Product Yield

### Improve product yield through decreased QNS with Single Unit Recovery

- If a 2RBC procedure is terminated early, the system may recover product from red blood cells available in the kit<sup>2</sup>
- The first draw cycle is 450 mL to improve the likelihood of recovering a single unit after the first draw

## Designed for Easy Transport

The Alyx instrument and the Alyx Cart are designed to ensure Alyx can go wherever you need.

Alyx Instrument:

- Lightweight housing – weighs 53 lbs
- Compact space saving design
- A hinge lock is provided to lock the instrument in either open position for use or closed position for transport

Alyx Cart:

- Designed with stair-climbing wheels
- Gas springs provide controlled lifting of the instrument
- Rugged frame and durable cover protect the instrument during transportation and storage



## Quick Connect System

The optional Quick Connect System allows users to simply unlock and move the unit from one location to another without the need for tools.

- Eases the movement of Alyx on and off buses for mobile collections
- Includes a foot assembly which slides into a foot receiver
- Quick connect key helps lock the device into place
- Quick connect template available to use as a guide for installation of receivers

<sup>2</sup> Recovered unit is non-leukoreduced



# Expand the Possibilities



Improve records, documentation and tracking with Data Management.

## Unlock the Power of Your Data

Alyx combined with DXT Data Management enables you to access data on collection operations and helps you monitor your operations and focus on key performance indicators. Increase productivity and achieve your goals by having information readily available.

## Operational Efficiency Reporting

Quickly identify trends and opportunities for improvements by monitoring procedure results.

- Access electronic reports anywhere, anytime<sup>3</sup>
- Analyze key performance indicators such as daily utilization, number of units collected, collection times, and more

**ALYX – Procedure Summary Report**  
Date Range: 9/1/2014 to 10/1/2014

Site Name	Procedure Type	Procedures				Blood Type	Red Cell		Plasma (m	
		Total	Complete	SUR	QNS		# Units	Units/ Procedure	Target Volume	Total Volume
Newt	2RBC-LR	317 98%	297 93.7%	6 1.9%	14 4.4%		1.89	--	--	
	RBC / PLASMA	5 2%	5 100%	--	0 0%			4,125	4,125 100%	
								25	4,125 100%	
								50	33,522 96.7%	
								50	33,522 97%	
									Plasma (m	
								Target	Total	
								me	Volume	
								--	--	
								50	33,522 96.7%	
								50	33,522 97%	
									Plasma (m	
								Target	Total	
								me	Volume	
								--	--	
<b>Site Total:</b>		<b>322</b>	<b>302</b>	<b>6</b>	<b>14</b>			50	33,522 96.7%	
		--	93.8%	1.9%	4.3%			25	4,125 100%	
								75	37,647 97%	

Procedure Type	Procedures			
	Total	Complete	SUR	QNS
2RBC-LR	317 98%	297 93.7%	6 1.9%	14 4.4%
RBC / PLASMA	5 2%	5 100%	--	0 0%
<b>Site Total:</b>	<b>322</b>	<b>302</b>	<b>6</b>	<b>14</b>
	--	93.8%	1.9%	4.3%

**Monitor Completed Procedure Rates**

## Electronic Documentation

DXT Relay creates electronic links between apheresis devices and donor records.

- Electronic records reduce the need for manual data entry
- Paperless initiatives enable secure and easily accessible records while reducing storage space and costs
- Remote procedure set up allows an operator to set up the donor information from a donor management system

<sup>3</sup>Internet connection required



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