



AmiCORE

Apheresis System

AmiCORE helps to simplify each step
of the platelet collection process

Easy to operate, intuitive user interface

Enhanced donor management tools

Ergonomic design

Thoughtful design and exceptional
for a high level of efficiency

SIMPLE

AmiCORE's innovative design
streamlines routine operations

- **SmartRoute** simplifies kit installation with a tray holder, a single cassette, tubing guides and color coded tubing
- **Centrifuge** positioned at optimal height to streamline kit installation
- **Intuitive User Interface** provides easy navigation with large, user-friendly touch screens
- **Scales** provide accurate fluid volume measurements
- **Single Needle** procedure for donor comfort

AmiCORE helps to simplify each step of the platelet collection process, allowing operators more time to focus on donors.



performance come together
and donor management.

SMART

AmiCORE's smart monitoring brings your technology up to date

- **Automated addition of Platelet Additive Solution (PAS)*** simplifies overall platelet procedures
- **Platelet Post-Count Accuracy** allows selection of target yields consistent with donor safety
- **Process Leukoreduction** automatically provides leukoreduced platelets without the additional step of filtration
- **Electronic Procedure Records** simplify the implementation of GMP documentation

*InterSol Solution is used as a storage solution for platelet concentrations. It is not for direct intravenous infusion. The InterSol Solution has no pharmacological effect.

AmiCORE provides an extensive set of donor management tools that operators can rely on

- **Saline Infusion** replaces fluid during donation
- **Intelligent Flow Control (IFC)** automatically establishes optimal donor flow rates
- **Real-time Pressure Monitoring and Numerical Flow Rate Control** help protect the donor's vein and maintain comfort
- **Built-in Pressure Cuff** prompts donors to squeeze during the draw cycle and relax during the return cycle



AmiCORE Apheresis System

Simple and Smart

AmiCORE's enhanced donor management tools provide blood centers with the flexibility to customize the platelet collection procedure to target a wide range of donors.

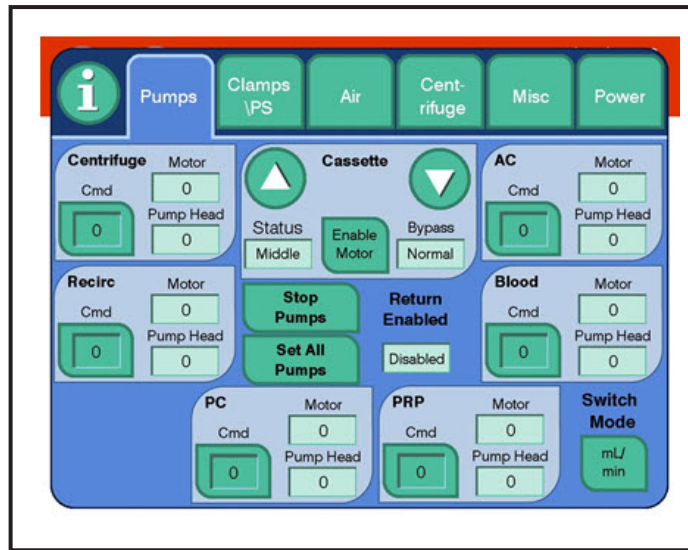


Ordering Information

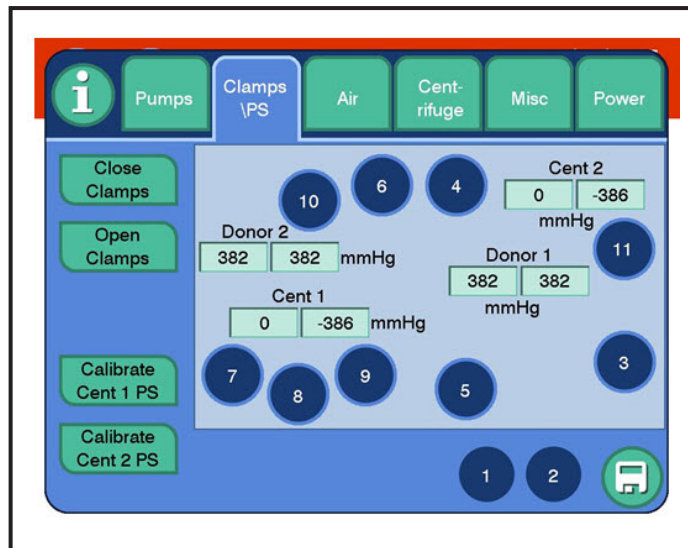
6R8800	AmiCORE Apheresis System
R6R8884	AmiCORE Apheresis Kit, single needle with two platelet containers and PAS connector
X6R8880 P6R8880	AmiCORE Apheresis Kit, single needle with one platelet container
X6R8882 P6R8882	AmiCORE Apheresis Kit, single needle with two platelet containers
6212836539	AmiCORE USB Flash Drive

Refer to AmiCORE Operator's Manual for a full list of warnings and cautions associated with the use of the AmiCORE device.

- The *stop pumps button* will stop all pumps.
- The *set all pumps button* will set all pumps to the same commanded speed. The allowable range is -59 rpm to 59 rpm or -23.5 mL/min to 23.5 mL/min.
- The *calibrate pumps, clear pump volumes* (only visible in mL/min mode), and *switch mode button* are used to simulate pump calibration in Service Mode.
- *Pumps tab* when RPM mode selected:

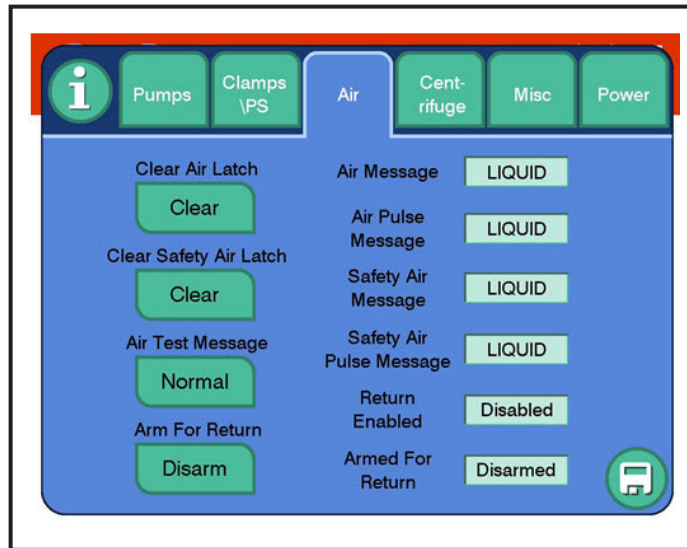


Clamps\PS Tab



The *clamps\PS tab* contains the following:

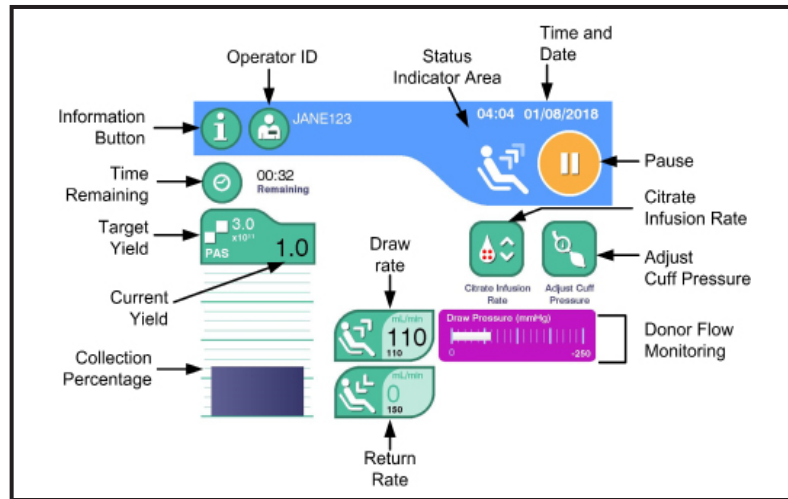
Air Tab



The *air tab* contains the following:

- The *clear air latch button* is used to clear the latched values of the primary air detector channel readings. The values of the primary air detector channel reading are updated in the *air message* and *air pulse message output fields* (the two fields represent digital and pulse signals respectively).
- The *clear safety air latch button* is used to clear the latched values of the safety air detector channel readings. The values of the safety air detector channel reading are updated in the *safety air message* and *safety air pulse message output fields* (the two fields represent digital and pulse signals respectively).
- The *air test message button* is used to force an air reading to the primary and safety channels, regardless of fluid/air inserted into air detector. Selecting the button changes its status from normal to test. When test is displayed, an air signal should be sent to the primary and safety channel if the air detector is functioning properly.
- The *arm for return button* is used to setup a dependency between the blood pump and the air detector. The *armed for return field* displays the current status of the *arm for return* option. The return enabled will enable return when the *arm for return* is armed AND a fluid filled tubing is in the air detector.

When *arm for return* is set to arm, a fluid filled tubing must be in place in the air detector for the blood pump to be commanded to a speed less than zero (counterclockwise). If the fluid filled tubing is removed when the blood pump is rotating counterclockwise and the return enabled is armed, the blood pump will stop and shortly thereafter an alert will be triggered if the system is operating properly.



4.33 Typical Collection Screen

If PAS is selected, the *target yield button* will display PAS. If a plasma product is targeted, the *plasma product icon* will display.

To change a parameter, select the desired button and make the adjustment on the Touch Screen.

Parameter	Range	Default Value	Description/Additional Information
<i>Time Elapsed/ Remaining</i>	N/A	No default	Displays either the time remaining to achieve target products or the elapsed time since the operator selected the <i>start button</i> . NOTE: Based on administrative settings, the time remaining may include the time to complete reinfusion.
<i>Target Yield</i>	1.5–12.0 x 10 ¹¹	No default	Platelet target yield.
<i>Target Draw Rate</i>	40–150 mL/min	110 mL/min	Maximum whole blood draw rate.
<i>Target Return Rate</i>	30–150 mL/min	150 mL/min	Maximum return rate.
<i>CIR</i>	0.50–1.50 mg/kg/min	1.25 mg/kg/min	Rate of ACD delivery to the donor.
<i>Cuff Pressure</i>	30–120 mmHg	40 mmHg	Cuff pressure value used during collection.

The separator alerts the operator with a single tone audible alert before the first return cycle begins.