



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.

An audible tone may sound near the end of the procedure based on *WB Notification Volume*, alerting the operator that the collection is almost complete and any changes to the product targets should be made now.

Intelligent Flow Control (IFC) is a feature of the AmiCORE Apheresis System that automatically responds to variations in flow rate during the draw phase of a procedure. The goal of IFC is to optimize the flow rate based on the donor's vein capability. If the donor's vein appears unable to maintain the programmed draw rate, IFC temporarily halts the draw and may increase the pressure cuff or decrease the draw rate. These steps are repeated until the problem is resolved. Once the flow appears to be stable, IFC will slowly increment the flow rate back to the programmed draw rate. If an occlusion occurs, an audible alert will sound to notify the operator.

The flow rate is continuously monitored and represented graphically on the Collection Screen with a bar graph. The color of the donor flow bar indicates the level of flow.

- **White** – Good flow to/from the donor.
- **Yellow** – Possible flow restrictions to/from the donor.
- **Orange** – Occlusion imminent. Alert will be triggered.

To end the procedure before it is finished and reinfuse the donor's red blood cells, see the section later in this chapter entitled "Using the STOP Button".

When the separator determines that platelet collection is complete, the system performs the reinfusion phase. Once reinfusion is complete, the donor may be disconnected and the platelet product can be transferred into the storage container.

(Optional) To Pause a Procedure

Pause a procedure to make adjustments or add a new AC container.

1. Touch the *pause button*. The Touch Screen displays options for actions that the operator can take while the procedure is paused (e.g., resume the procedure, adjust citrate infusion rate, change needle, administer saline, adjust cuff pressure).