

# REVOLUTIONARY FLEXIBILITY

## *PRP formulations tailored to your patient's needs*

What sets Angel apart from the competition is technology. The Arthrex Angel utilizes a proprietary platelet sensor and one button automation to prepare customized PRP formulations. The Angel is the only PRP device that can deliver platelet concentrations up to 18x baseline with adjustable leukocyte concentrations.

### Features & Benefits:

- Proprietary platelet sensor system
- Adjustable platelet concentrations
- Adjustable WBC concentrations
- Flexible processing volume 40-180ml
- Each processing kit can process three cycles up to 180ml on the same patient
- Programmable - can store up to 30 custom processing protocols
- Closed system, delivers PRP, PPP and RBCs into separate, sterile compartments

ARTHREX  
**angel**  
SYSTEM



**Arthrex®**  
**Vet Systems**

[www.ArthrexVetSystems.com](http://www.ArthrexVetSystems.com)

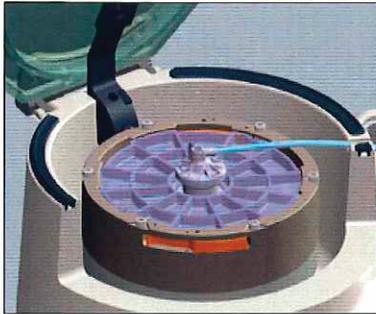
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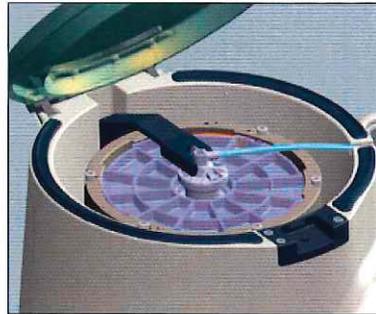
# Arthrex Angel Set-up Instructions



- Open the centrifuge lid cover and lift the centrifuge stator arm to lock the rotating centrifuge adapter within the centrifuge.
- Remove the Angel Whole Blood Separation Processing Set from the tray and lay it on top of the machine.



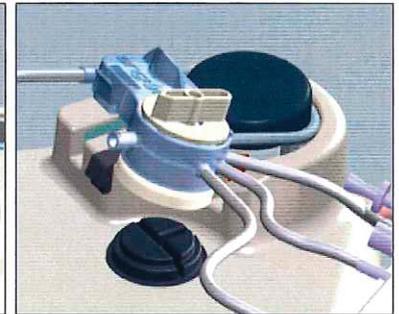
- Insert the variable volume separation chamber into the centrifuge adaptor by aligning the notches in the separation chamber plate with the mating feature on the centrifuge adaptor.



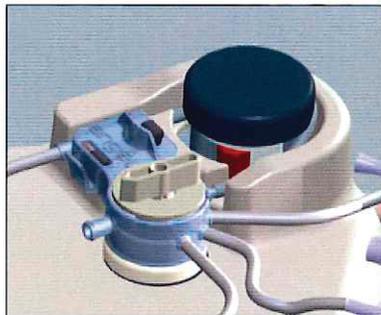
- Once aligned, press the separation chamber plate down near the location of the position indicator and turn clockwise until the position indicator snaps into place. *The centrifuge will not rotate if improperly loaded.*



- Lower the centrifuge stator arm and align it with the raised tab on top of the variable volume separation chamber.
- Place the tube leading from the variable volume separation chamber through centrifuge well slot.
- Close the centrifuge lid ensuring that the tubing is in the slot and not occluded.



- Place the pump loop tubing over the pump rotor. The pump loop will automatically load when the processing cycle is initiated. Seat the platelet cuvette/valve assembly by aligning the platelet cuvette and the valve assembly with the platelet sensor body and the valve assembly driver.



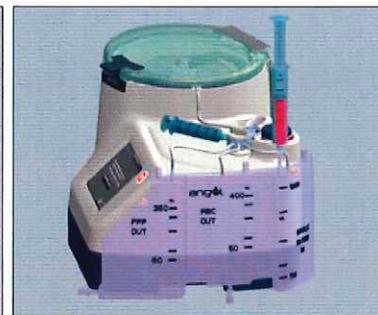
- Press down firmly on the backside of the platelet cuvette/valve assembly near the pump loop until the assembly is snapped in place.



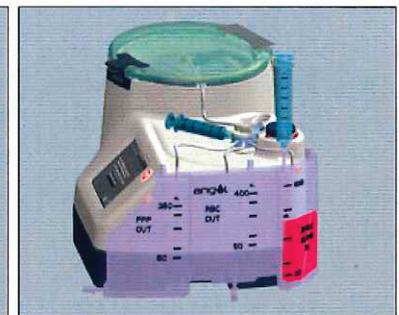
- *Note:* It is essential that the platelet cuvette/valve assembly seats fully on the machine to obtain proper sensing of blood components.



- Hang the three-compartment reservoir bag on the two support pins located on the side of the Angel Whole Blood Separation System.



- Remove the breather cap from the PRP valve port located on the valve assembly. If desired, attach the Syringe Activated Valve to the PRP valve port. Attach the 20mL luer lock syringe (or alternate syringe, if desired), to the PRP valve port. *Note:* The luer in the PRP valve port will accommodate most luer lock syringes.



- After set-up, inspect the circuit to make sure there are no kinks or occlusions.