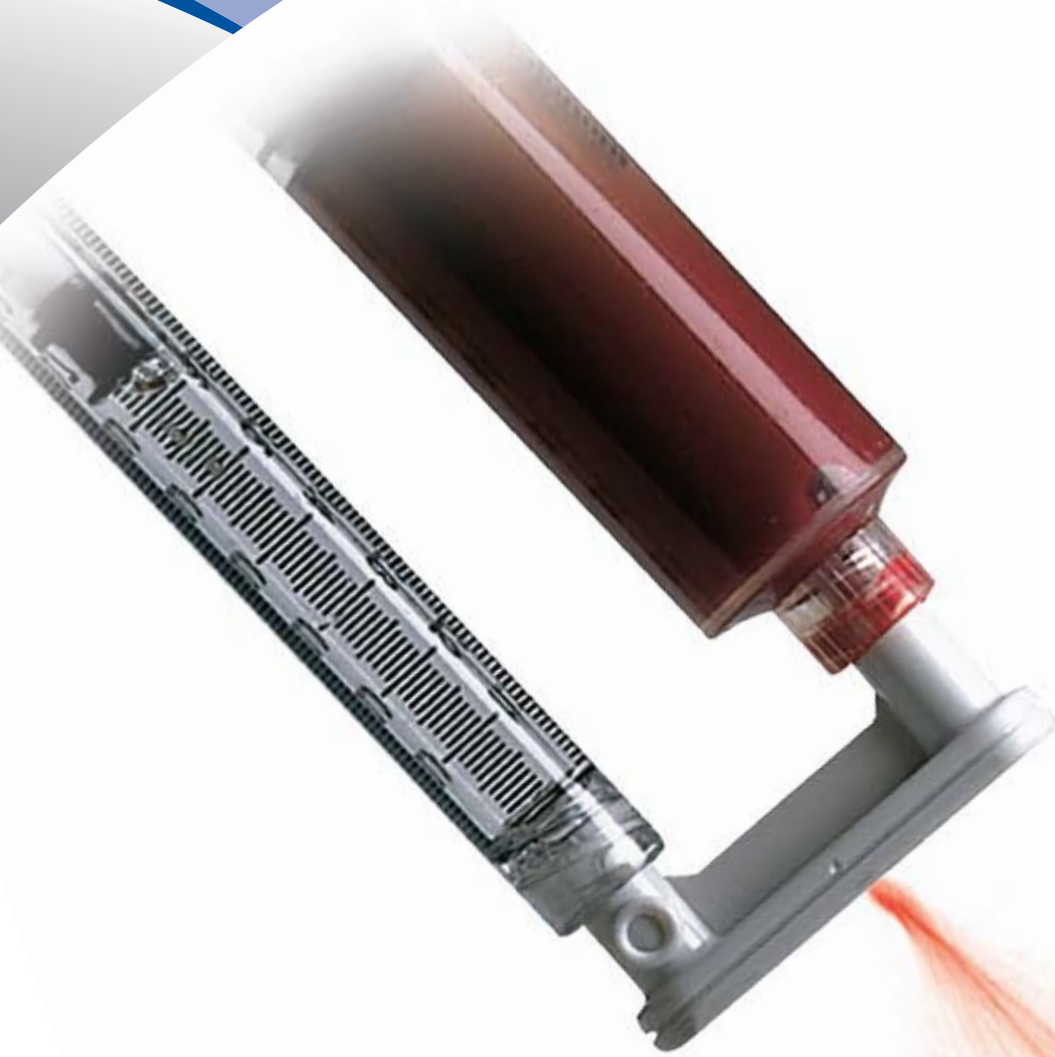




**Leadership** through **Technology**

GPS<sup>®</sup> III Platelet Separation System





**Quality and Simplicity  
Redefined with You in Mind**

# GPS® III Platelet Separation System

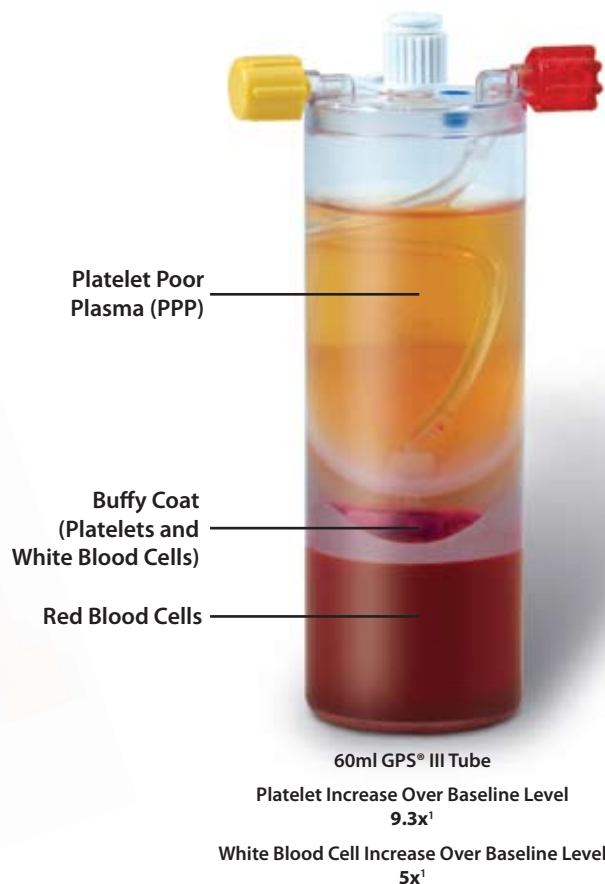
## Quality

Biomet Biologics continues to push the envelope to provide the most consistent and efficient platelet separation system. Biomet Biologics continues the pursuit to provide the highest quality and user-friendly system. The evidence is in platelet recovery.

## Over 90% Platelet Recovery

When evaluating platelet concentration systems, the overall percentage of platelets recovered in a sample of whole blood is a key variable. This determines the efficiency of a system regardless of the volume of Platelet Rich Plasma (PRP) produced. Many systems base their platelet count numbers on variable PRP volumes, which greatly affects the platelet concentration over baseline levels. For example, if 3ml of PRP is processed from a starting volume of 60ml of blood, the platelet concentration level over baseline will be higher. If 10ml of PRP is created from 60ml of blood, the platelet concentration level will be lower.

With the GPS® III System, a fixed volume (10% of starting volume) of PRP is processed that **will contain over 90%** of the available platelets.<sup>1</sup> Because of the GPS® III System's automated separation mechanism, a consistent platelet concentrate is attainable each and every time.



The higher the platelet recovery the more efficient the system is in collecting and concentrating platelets.



The patent pending fixed dual buoy mechanism is slanted which creates a reservoir for more efficient recovery of platelets and white blood cells.

## Ease of Use

Load blood

Spin

Extract platelet rich plasma



For detailed technique see GPS<sup>®</sup> III Wall Chart BBI0001.0

## Automated Platelet Collection

From a small volume of the patient's own blood taken at the point of care, the GPS<sup>®</sup> III System efficiently captures the majority of the patient's platelets. The patent-pending GPS<sup>®</sup> III System buoy is tuned to the density between platelets and red blood cells. Under centrifugal force, the buoy will "float" within the tube to the interface point, collecting and trapping the platelet rich layer. Regardless of the hematocrit of the patient, the GPS<sup>®</sup> III System can automatically collect a consistent, high platelet count for each patient.<sup>1</sup>

## Mini GPS® III Kit

The Mini GPS® III kit allows the user the option of using only 27cc of whole blood (combined with 3cc of ACD-A, anticoagulant) for small application procedures. From 27cc of whole blood, the Mini GPS® III kit will yield 3cc of platelet concentrate. The Mini GPS® III kit contains all components needed to produce the platelet concentrate.



## Volume Flexibility

The GPS® III System offers three volume options to meet different clinical needs.

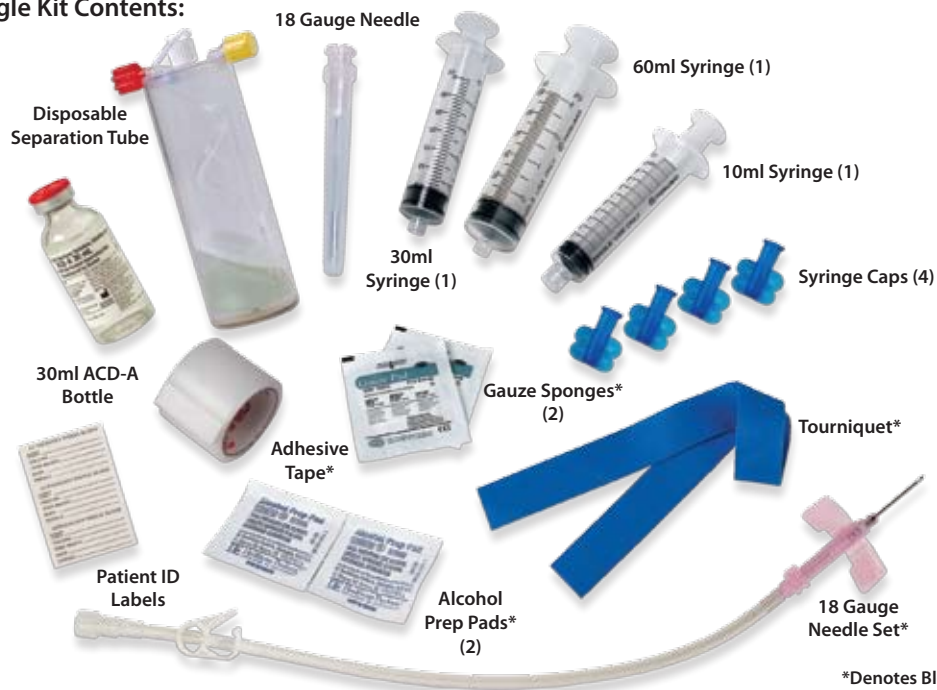


	<b>Mini</b>	<b>Single</b>	<b>Double</b>
Blood Draw	27cc	55cc	110cc
ACD-A (Anticoagulant)	3cc	5cc	10cc
Platelet Concentrate Volume	3cc	6cc	12cc

## Ordering Information

Description	Catalog Number	
<p><b>Mini GPS® III Disposable Kit</b></p> <p><i>Contents:</i>            One Disposable Mini Separation Tube            Two 30ml Syringes            One 18 Gauge Needle Set            One Tourniquet            Two Alcohol Prep Pads            One 30ml Bottle of ACD-A</p>	<p><b>800-0505A</b></p>	
<p><b>GPS® III Disposable Single Kit</b></p> <p><i>Contents:</i>            One Disposable Separation Tube            One 30ml Syringe            One 18 Gauge Needle Set            One Tourniquet            Two Alcohol Prep Pads            One 30ml Bottle of ACD-A            One 60ml Syringe</p>	<p><b>800-1003A</b></p>	
<p><b>GPS® III Disposable Double Kit</b></p> <p><i>Contents:</i>            Two Disposable Separation Tubes            Two 30ml Syringes            One 18 Gauge Needle Set            One Tourniquet            Two Alcohol Prep Pads            One 30ml Bottle of ACD-A            Two 60ml Syringes</p>	<p><b>800-1004A</b></p>	

**Single Kit Contents:**



\*Denotes Blood Draw Kit Items

## Ordering Information

GPS® III System	
Description	Catalog No.
<b>Spray Applicator Kit (Tip Not Included)</b>	800-0250
Two 12ml Syringes	Two 1ml Syringes
Two Syringe Assembly Sets	Three Liquid Transfer Cups and Lids
One Plastic Tray	Twelve Container Labels
<b>Dual Spray Applicator Tip</b>	800-0201
<b>Malleable Dual Cannula Tip 20 Gauge x 4 in. Length</b>	800-0202
<b>Malleable Dual Cannula Tip 20 Gauge x 7 in. Length</b>	800-0203
<b>Malleable Dual Cannula Tip 20 Gauge x 10 in. Length</b>	800-0206
<b>Malleable Dual Lumen Endoscopic Tip 5mm dia. x 12 in. Length</b>	800-0207
<b>Blending Connector Tip Single Cannula</b>	800-0204
<b>Biomet Biologics Centrifuge 120 Volt 50-60 Hz (Table Top)</b>	755VES
<b>Replacement Power Cord for 755VES Centrifuge</b>	7760006
<b>GPS® Spare Bucket Kit (Two Centrifuge Buckets for 755VES [Blue])</b>	7431
<b>GPS® Mini Spare Bucket Kit (Two Centrifuge Buckets for I.E.C. Centrifuge #7426)</b>	7432
<b>GPS® Mini Spare Bucket Kit (Two Centrifuge Buckets for 755VES [Purple])</b>	7433
<b>Aerosol Spray Kit with two sets of syringes and two tips</b>	800-0260
<b>Aerosol Regulator</b>	800-0211
<b>Aerosol Regulator with venting feature</b>	800-0215
<b>GPS® Non-Sterile Counterbalance (Blue)</b>	800-0508
<b>GPS® Mini Non-Sterile Counterbalance (Purple)</b>	800-0505
<b>12 inch Aerosol Endoscopic Rigid Tip 1 to 1 Ratio (Tubing included)</b>	800-0216
<b>16 inch Aerosol Endoscopic Rigid Tip 1 to 1 Ratio (Tubing included)</b>	800-0217
<b>16 inch Manual Endoscopic Rigid Tip 1 to 1 Ratio</b>	800-0208
<b>GPS® III Instructions for use Wall Chart</b>	BBI0001.0



Spray Applicator Kit  
(Tip not included)



Dual Spray  
Applicator Tip



Malleable Dual  
Cannula Tip  
20 Gauge x 4 in. Length  
20 Gauge x 7 in. Length  
20 Gauge x 10 in. Length



Blending  
Connector Tip  
Single Cannula  
(Includes Two  
Flexible Sheaths)



Aerosol Regulator with  
venting feature  
(can be used with aerosol  
endoscopic tips and  
aerosol spray kit  
800-0260)



Aerosol Endoscopic  
Rigid Tips  
5mm dia. x 12 in. Length  
5mm dia. x 16 in. Length  
(16 in. Manual Endoscopic  
Rigid Tip available)



Malleable Dual  
Lumen Endoscopic Tip  
5mm dia. x 12 in. Length  
(Fits 5mm dia.  
Endoscopic Sheath)



GPS® Spare Bucket Kit  
(Blue)  
GPS® Mini Spare Bucket  
Kit (Purple)



Aerosol Spray  
Kit with two Tips



Aerosol Regulator  
(Can only be used with  
Aerosol Spray Kit  
800-0260)



GPS® and GPS® Mini  
Non-Sterile  
Counterbalance



Centrifuge

## Support and Service

- To further facilitate the state-of-art GPS® III System, Biomet Biologics provides a dedicated sales force.
- Each Representative is required to attend an extensive training program which equips him/her to offer sales support before, during, and after the sale.

## Reference

1. Data on file at Biomet. Bench test results not necessarily indicative of clinical performance.

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