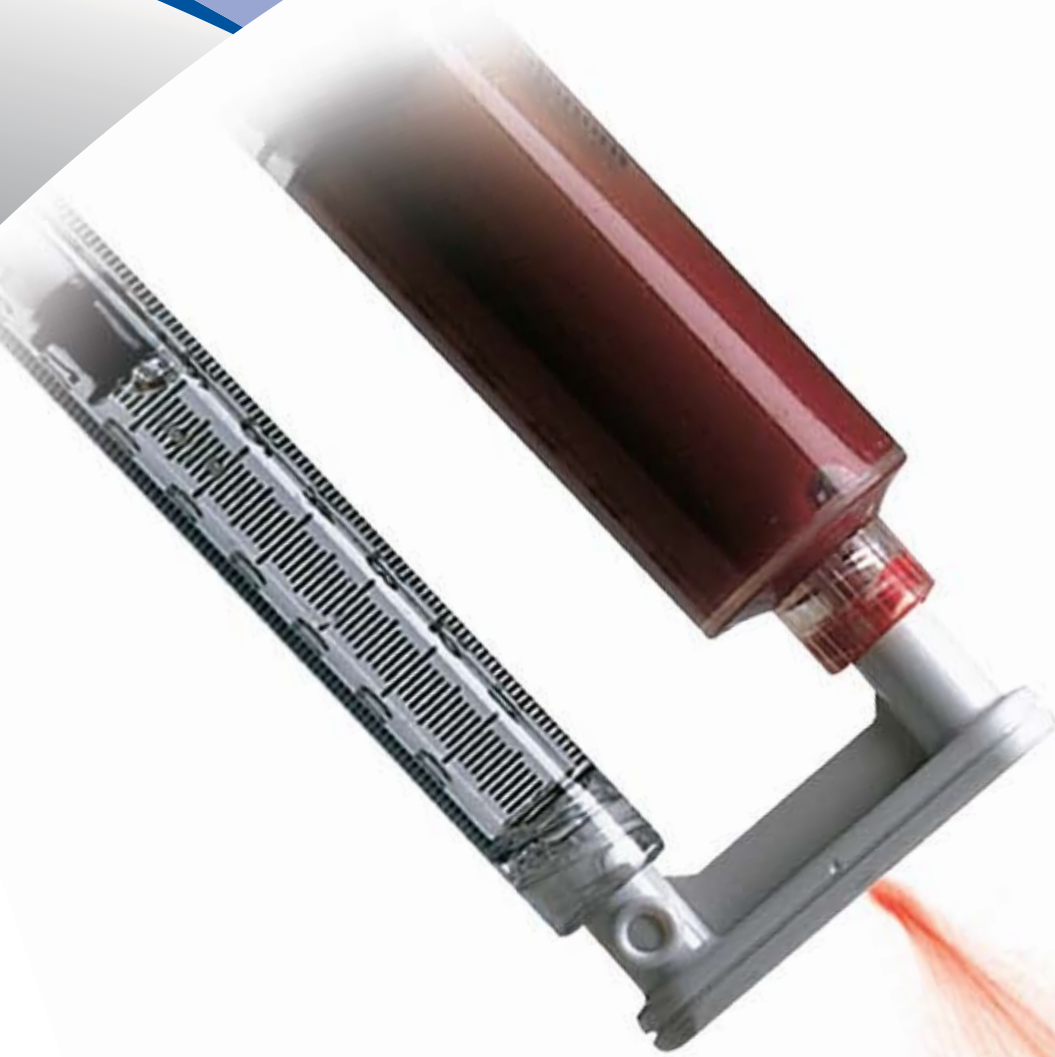




Leadership through Technology

GPS[®] III Platelet Separation System





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

GPS® III Platelet Separation System

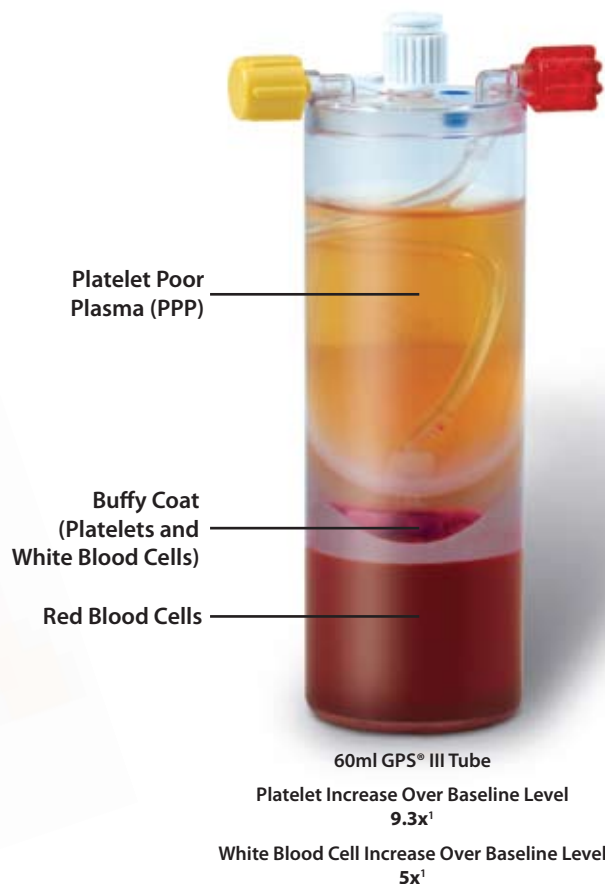
Quality

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.¹ 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[®] 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[®] III System efficiently captures the majority of the patient's platelets. The patent-pending GPS[®] 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[®] III System can automatically collect a consistent, high platelet count for each patient.¹

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.

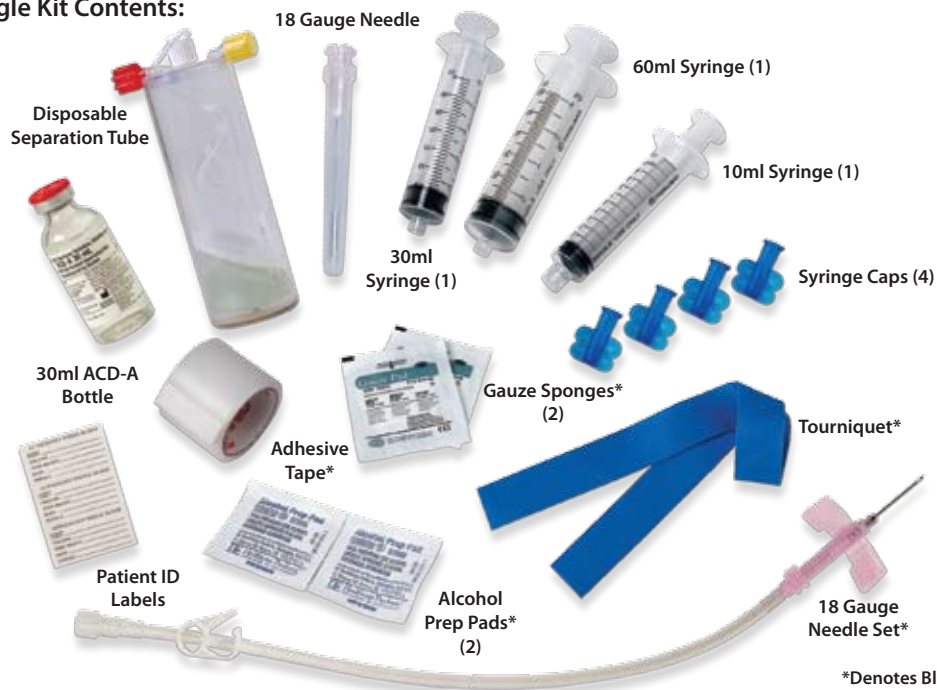


	Mini	Single	Double
Blood Draw	27cc	55cc	110cc
ACD-A (Anticoagulant)	3cc	5cc	10cc
Platelet Concentrate Volume	3cc	6cc	12cc

Ordering Information

Description	Catalog Number	
<p>Mini GPS® III Disposable Kit</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>800-0505A</p>	
<p>GPS® III Disposable Single Kit</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>800-1003A</p>	
<p>GPS® III Disposable Double Kit</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>800-1004A</p>	

Single Kit Contents:



*Denotes Blood Draw Kit Items

Ordering Information

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