

HARVEST® PLATELET CONCENTRATE SYSTEM

The highest platelet concentration and yield as compared to 12 other PRP systems, as shown by the data below.

Device	Mean Platelet Count (10 ⁶ /mL)	Mean Platelet Yield (Percent)	Reference
Harvest Technologies	1,027	66.7	Harvest Technologies, "The Composition of PRP Produced from 5 Major PRP Devices: A Comparison Study." 2013 presentation, SL161, unpublished raw data.
Arteriocyte Magellan®	934	60.1	
Cytomedix™ Angel® System (Arthrex)	677	44.7	
GenesisCS PRP	494	35.5	
RegenKit	97	33.0	
Harvest Technologies	1,215 ± 413	N/A	Kochan A, et al., "Platelet-Rich Plasma Preparation: A Comparison of the Harvest® SmartPrep® 2 Multicellular Processing System APC+® with the Arteriocyte Magellan." 2009, unpublished raw data.
Arteriocyte Magellan	1,116 ± 363	N/A	
Harvest Technologies	895 ± 204	N/A	Immune Disease Institute, "Platelet-Rich Plasma Preparation: A Comparison of the SmartPrep 2 System APC+ with the Arthrex ACP™." 2009, unpublished raw data.
Arthrex ACP® System	365 ± 111	N/A	
Harvest Technologies (10 mL final product volume)	905 ± 205	78.1 ± 3.8	Hackel J, et al., "Platelet Concentrate Preparation: A Comparison of the SmartPrep 2 System APC® with the EmCyte Genesis™." 2010, unpublished raw data.
EmCyte Genesis™ System Manual (10 mL final product volume)	551 ± 277	48.3 ± 11.9	
EmCyte Genesis™ System Auto (10 mL final product volume)	577 ± 145	51.0 ± 14.2	
Harvest Technologies (7 mL final product volume)	1194 ± 353	72.9 ± 13.5	Hackel J, et al., "Platelet Concentrate Preparation: A Comparison of the SmartPrep 2 System APC with the EmCyte Genesis™." 2010, unpublished raw data.
EmCyte Genesis™ Manual (7 mL final product volume)	770 ± 313	52.6 ± 16.2	
EmCyte Genesis™ System Auto (7 mL final product volume)	643 ± 314	40.4 ± 21.4	
Harvest Technologies	994 ± 132	71.8 ± 3.04	CBR Institute Biomedical Research, "Platelet Concentrate Preparation: A Comparison of the SmartPrep 2 System with the Biomet GPS® III." 2008, unpublished raw data.
Biomet® GPS® III Platelet Separation System	943 ± 125	51.4 ± 10.5	

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Harvest Technologies	1016 ± 389	72 ± 10	Keyv SV and MS Jacobson, "Comparison of Methods for Point of Care Preparation of Autologous Platelet Gel." <i>Journal of Extracorporeal Technology</i> 2004; 36(1): 28–35.
PCCS [®] from Biomet 3i [®]	978 ± 367	58 ± 22	
Sequire [®]	348 ± 194	31 ± 15	
CATS [®]	992 ± 162	31 ± 5	
Sequestra [®]	582 ± 128	54 ± 11	
UltraConcentrator [®]	356 ± 233	27 ± 22	



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