

TABLE 1: Chang **WHITESTAR Signature**® System Settings - Peristaltic Pump

Nucleus Grade	Asp Flow Rate (cc/min)			Vacuum (mmHg)			Power (%) <i>Continuous FX except where multi-burst or long pulse (L.P.) is noted</i>	
	Sub-Mode	Unoccluded	Occluded	Max	OM Threshold*	Anti-Surge Algorithm (CASE)	Unoccluded	Occluded
Soft	Chop	Panel 22		Panel 375			Linear 25	
	Quad	Panel 34	28	Panel 375	250		Linear 20	Linear 20
	Fragment	Panel 34	28	Panel 325	250	↑285, 1000ms, CASE 275, ↓160	Linear 20	Linear 20
	Epi	Panel 32	26	Linear 250	125		Linear 15	Linear 15
Medium	Chop	Panel 22		Panel 395			Panel 30 multi-burst	
	Quad	Panel 34	28	Panel 395	250		Linear 25	Linear 30 L.P. 6pps
	Fragment	Panel 34	28	Panel 395	250	↑350, 1000ms, CASE 345, ↓290	Linear 25	Linear 30 L.P. 6pps
	Epi	Panel 32	26	Linear 250	125		Linear 20	Linear 20
Hard	Chop	Panel 24		Panel 410			Panel 40 multi-burst	
	Quad	Panel 36	30	Panel 410	250		Linear 35	Linear 45 L.P. 6pps
	Epi	Panel 32	26	Linear 250	125	↑350, 900ms, CASE 355, ↓300	Linear 30	Linear 30
	Sculpt	Panel 22		Linear 50	100		Linear 55	Linear 55
Peristaltic I/A	Cortex	Linear 28		Linear 500				
	Polish	Linear 10		Linear 10				
	Visco	Linear 50		Panel 500				

* Thresholds (adjustable) determine when Occlusion Mode activates to change the aspiration rates or power modulation

Note 1: Ramp speed is set for 60 except for “Chop” when it is 70.

Note 2: Recommended bottle height is 36 inches

TABLE 2: Chang **WHITESTAR Signature**® System Settings - Dual Pump

Asp Flow (peristaltic only) (cc/min)					Vacuum (mmHg)			Power (%) <i>Continuous FX except where multi-burst or long pulse (L.P.) is noted</i>		
	Sub-Mode	Pump	Unoccluded	Occluded	Max	Threshold ¹	Anti-Surge Algorithm (CASE)	Unoccluded	Occluded	Rise (Venturi)
Phaco	Chop	Peristaltic	Panel 22		Panel 395		↑350, 1000ms, CASE 345, ↓290	Panel 30 multi-burst Linear 20	No Occl Mode	2
	Quad	Venturi			Linear 180					
	Fragment	Peristaltic	Panel 34	28	Panel 395	250				
	Epi	Peristaltic	Panel 32	26	Linear 250	125	Linear 25 Linear 20	Linear 30 L/P. 6pps Linear 20		
I/A	Cortex	Venturi			Linear 500					5
	Polish	Peristaltic	Linear 10		Linear 10					
	Visco	Peristaltic	Linear 50		Panel 500					

1. Thresholds (adjustable) determine when Occlusion Mode activates to change the aspiration rates or power modulation
 Note 1: Recommended bottle height is 36 inches