Guava® easyCyte™ SL Systems

Guava® easyCyte™ SL System	5	5 HPL	6-2L	8	BG	11	BGR	12	BGV
Part Number	0500-5005	0500-5009	0500-5007	0500-5008	0500-5015	0500-5020	0500-5025	0500-5012	0500-5030
Number of Channels	5	5	6	8	10	11	12	13	14
Violet (405 nm) Laser						x		x	x
Blue (488 nm) 50 mW Laser	x		x						
Blue (488 nm) 150 mW Laser		x		x	x	x	x	x	x
Green (532 nm) 100 mW Laser					x		x		x
Red (642 nm) 100 mW Laser			x	x			x	x	
FSC	x	x	x	x	x	x	x	x	x
SSC (488/16 nm)	x	x	x	x	x	x	x	x	x
Blue-V (450/45 nm)						x		x	x
Green-V (525/30 nm)						x		x	512/18
Yellow-V (583/26 nm)						x		x	575/25
Orange-V (620/52 nm)									x
Red-V (695/50 nm)						x		x	
NIR-V (785/70 nm)						x		x	
Green-B (525/30 nm)	x	x	x	x	512/18	x	512/18	x	512/18
Yellow-B (583/26 nm)	x	x	x	x	575/25	x	575/25	x	575/25
Red-B (695/50 nm)	x	x	x	x	x	x	x	x	x
NIR-B (785/70 nm)				x	x	x	x	x	x
Yellow-G (583/26 nm)					575/25		575/25		575/25
Orange-G (620/52 nm)					x		609/30		x
Red-G (695/50 nm)					x		x		x
NIR-G (785/70 nm)					x		x		x
Red-R (661/15 nm)			x	x			x	x	
NIR-R (785/70 nm)				x			x	x	
Microcapillary Fluidics	x	x	x	x	x	x	x	x	x
Direct, Absolute Cell Counts	x	x	x	x	x	x	x	x	x
Automation Plate and Tubes									
Mixing									
Dell® Laptop	x	x	x	x	x	x	x	x	x
InCyte™ Software	x	x	x	x	x	x	x	x	x
Digital Signal Processing	x	x	x	x	x	x	x	x	x

Guava® easyCyte™ HT Systems

Guava® easyCyte™ HT System	5HT	5HT HPL	6HT-2L	8HT	BG HT	11HT	BGR HT	12HT	BGV HT
Part Number	0500-4005	0500-4009	0500-4007	0500-4008	0500-4015	0500-4020	0500-4025	0500-4012	0500-4030
Number of Channels	5	5	6	8	10	11	12	13	14
Violet (405 nm) Laser						x		x	x
Blue (488 nm) 50 mW Laser	x		x						
Blue (488 nm) 150 mW Laser		x		x	x	x	x	x	x
Green (532 nm) 100 mW Laser					x		x		x
Red (642 nm) 100 mW Laser			x	x			x	x	
FSC	x	x	x	x	x	x	x	x	x
SSC (488/16 nm)	x	x	x	x	x	x	x	x	x
Blue-V (450/45 nm)						x		x	x
Green-V (525/30 nm)						x		x	512/18
Yellow-V (583/26 nm)						x		x	575/25
Orange-V (620/52 nm)									x
Red-V (695/50 nm)						x		x	
NIR-V (785/70 nm)						x		x	
Green-B (525/30 nm)	x	x	x	x	512/18	x	512/18	x	512/18
Yellow-B (583/26 nm)	x	x	x	x	575/25	x	575/25	x	575/25
Red-B (695/50 nm)	x	x	x	x	x	x	x	x	x
NIR-B (785/70 nm)				x	x	x	x	x	x
Yellow-G (583/26 nm)					575/25		575/25		575/25
Orange-G (620/52 nm)					x		609/30		x
Red-G (695/50 nm)					x		x		x
NIR-G (785/70 nm)					x		x		x
Red-R (661/15 nm)			x	x			x	x	
NIR-R (785/70 nm)				x			x	x	
Microcapillary Fluidics	x	x	x	x	x	x	x	x	x
Direct, Absolute Cell Counts	x	x	x	x	x	x	x	x	x
Automation Plate and Tubes	x	x	x	x	x	x	x	x	x
Mixing	x	x	x	x	x	x	x	x	x
Dell® Laptop	x	x	x	x	x	x	x	x	x
InCyte™ Software	x	x	x	x	x	x	x	x	x
Digital Signal Processing	x	x	x	x	x	x	x	x	x

Feature	Description
Dynamic Range	5 decades
Instrument Size	**HT**: 10 in (25 cm) x 20 in (51 cm) x 24 in (61 cm) **SL**: 9.1 in (23.1 cm) x 17.7 in (45 cm) x 24 in (61 cm)
Weight	**HT**: 70 lb (31.8 kg) **SL**: 35 lb (15.9 kg)
Absolute Cell Count Capability	Yes, without reference beads
Particle Size	0.2–60 µm
Fluidics System	Positive displacement pump
Sample Format	0.5 mL and 1.5 mL tubes, 96-well plate
Minimum Sample Volume	0.5 mL tubes: 150 µL; 1.5 mL tubes: 900 µL; 96-well plate: 100 µL
Fluorescence Precision	<4% CV for CEN
Acquisition Speed	10–1,000 events/second
Operating Temperature	16°–30°C; 80% humidity
Computer Specifications	Dell® laptop running Windows® 10 Ultimate (64-bit only), including Microsoft Excel. Minimum configuration: Intel Core i5-3210M processor (2.5 GHz, 3M cache); 4 GB, DDR3-1600 MHz SDRAM; 320 GB hard drive; 2 USB ports
Operating System	Windows® 10
Software	guavaSoft™ 4.0
Light Scatter Detection	Forward (0°,+/-9°) Side (90°,+/-30°)
Flow Rate	7–70 µL/min
Sheath Fluid	None
Waste	50 mL at 8 hours of continuous use
Warranty	1 year

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