FongCyte™ Series Flow Cytometer

Catalog No.	Laser	Fluorescent channel	Blue laser 488 nm					Red laser 638 nm			Violet laser 405 nm					
			BL1	BL2	BL3	BL4	BL5	RL1	RL2	RL3	VL1	VL2	VL3	VL4	VL5	VL6
			530/30	577/25	620/30	690/50	780/60	660/20	710/20	780/60	450/50	530/30	610/20	660/20	710/50	780/60
			FITC	PE	ECD	PerCP	PE-Cy7	APC	APC-A700	APC-Cy7	BV421	Krome Orange	Violet610	Violet660	BV711	Violet780
C1040	1	4	●	●		●	●									
C1050	1	5	●	●	●	●	●									
C2040	2	4	●	●		●		●								
C2041	2	4	●	●				●		●						
C2042	2	4	●	●							●	●				
C2050	2	5	●	●		●		●		●						
C2060	2	6	●	●		●	●	●		●						
C2061	2	6	●	●		●					●	●	●			
C2080	2	8	●	●	●	●	●	●	●	●						
C2081	2	8	●	●		●	●				●	●	●	●		
C2082	2	8	●	●	●	●	●				●	●	●			
C2090	2	9	●	●		●	●				●	●	●	●		●
C2100	2	10	●	●	●	●	●				●	●	●	●		●
C2110	2	11	●	●	●	●	●				●	●	●	●	●	●
C3080	3	8	●	●		●	●	●		●	●	●				
C3090	3	9	●	●		●	●	●		●	●	●	●			
C3100	3	10	●	●		●	●	●	●	●	●	●	●			
C3101	3	10	●	●	●	●	●	●		●	●	●	●			
C3110	3	11	●	●	●	●	●	●	●	●	●	●	●			
C3111	3	11	●	●		●	●	●		●	●	●	●		●	●
C3112	3	11	●	●	●	●	●	●		●	●	●	●		●	
C3130	3	13	●	●	●	●	●	●	●	●	●	●	●		●	●
C3131	3	13	●	●	●	●	●	●	●	●	●	●	●	●		●
C3132	3	13	●	●		●	●	●	●	●	●	●	●	●	●	●
C3133	3	13	●	●	●	●	●	●		●	●	●	●	●	●	●
C3140	3	14	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Main technical parameters

Semiconductor laser	High-power semiconductor laser with three-dimensional separation and TEC thermostatic control (25±0.3°C)	
Stable optical system	Independent optical fiber conduction, branch-shaped APD detector, TEC thermostatic control (25±0.3°C); Enclosed optical path system, avoiding dust interference.	
Superior instrument performance	Fluorescence resolution	CV < 2.0%
	Carry-over rate	<0.05%
	Detectable particle diameter	0.1 μm-50 μm
Robust software system	Operating language	English and Chinese
	Fluorescence compensation	Full matrix compensation, supporting offline/online compensation, quick compensation, automatic compensation, and import/export of compensation library
	Voltage and threshold	Adjusted by default or freely
	Quality control and calibration	One-touch automatic QC to monitor the resolution of each fluorescence channel and the stability of median fluorescence intensity (MFI); Levey-Jennings graph tracks and monitors instrument performance
	Absolute counting	Compatible with volumetric method and microsphere method for absolute counting

