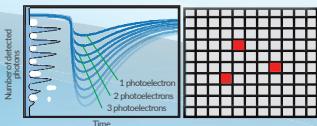
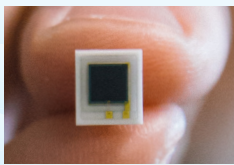


# NovoCyte® Quanteon™ Flow Cytometer

When Exceptional Performance Meets Simplicity

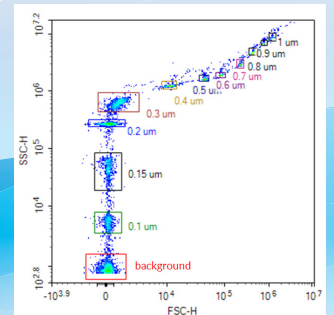
**NovoCyte Quanteon**

## 4 Lasers, 16~25 Colors Flexibility



Silicon Photomultiplier (SiPM) – The Ultimate Photodetector

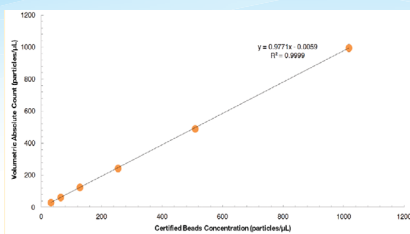
## Superior Sensitivity and Resolution



Superior small particle detection

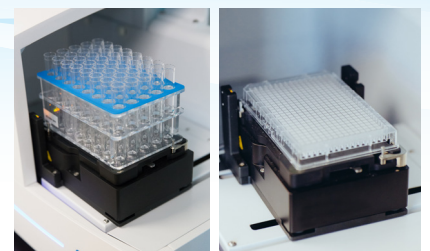


## Consistent and Reliable Performance

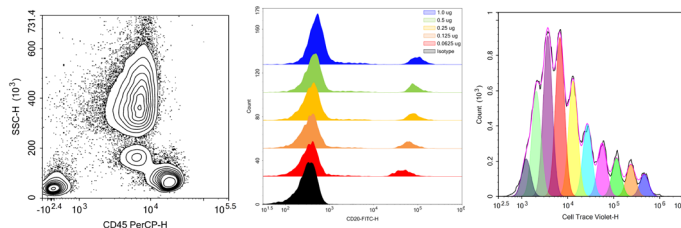


Absolute Counting

## NovoSampler Q Automated and High Throughput Sampling



## Intuitive and Powerful Software



## NovoCyte® Quanteon Configuration and Compatible Fluorophore

NovoCyte® Quanteon Configuration and Compatible Fluorophore					
Model	Lasers	405nm (100mW)	488nm (100mW)	561nm (100mW)	637nm (100mW)
4025	FSC			X	
	SSC			X	
	445/45nm	Pacific Blue, BV421			
	530/30nm	AmCyan, BV510	FITC		
	586/20nm	Pacific Orange, BV570	EYFP	PE	
	615/20nm	Qdot 605, BV605	PI	PE-Texas Red	
	660/20nm	Qdot 655, BV650	7-AAD	PE-Cy5	APC
	695/40nm	Qdot 705	PerCP, PerCP-Cy5.5	PE-Cy5.5	Alexa Fluor 680
	725/40nm	BV711	PerCP-eFluor 710	PE-Alexa Fluor 700	Alexa Fluor 700
	780/60nm	Qdot 800, BV750, BV785	PE-Cy7	PE-Cy7	APC-Cy7
Number of Fluorescence Channels		8	7	6	4
Optical Detection Capability		25 colors; 27 parameters.			
4020	FSC			X	
	SSC			X	
	445/45nm	Pacific Blue, BV421			
	530/30nm	AmCyan, BV510	FITC		
	586/20nm	Pacific Orange, BV570	EYFP	PE	
	615/20nm	Qdot 605, BV605	PI	PE-Texas Red	
	660/20nm	Qdot 655, BV650		PE-Cy5	APC
	695/40nm		PerCP, PerCP-Cy5.5	PE-Cy5.5	
	725/40nm	BV711		PE-Alexa Fluor 700	Alexa Fluor 700
	780/60nm	Qdot 800, BV750, BV785		PE-Cy7	APC-Cy7
Number of Fluorescence Channels		7	4	6	3
Optical Detection Capability		20 colors; 22 parameters.			
4016	FSC			X	
	SSC			X	
	445/45nm	Pacific Blue, BV421			
	530/30nm	AmCyan, BV510	FITC		
	586/20nm		EYFP	PE	
	615/20nm	Qdot 605, BV605	PI	PE-Texas Red	
	660/20nm	Qdot 655, BV650		PE-Cy5	APC
	695/40nm		PerCP, PerCP-Cy5.5	PE-Cy5.5	
	725/40nm				Alexa Fluor 700
	780/60nm			PE-Cy7	APC-Cy7
Number of Fluorescence Channels		4	4	5	3
Optical Detection Capability		16 colors; 18 parameters.			
4000C	Optical Detection Capability	4 V-B-Y-R lasers custom configuration upon request: 16~25 colors; 18~27 parameters			

## ACEA Catalog Number

Cat. No.	Description
2010097	ACEA NovoCyte Quanteon™ 4025 Flow Cytometer (4 lasers, 25 FL channels)
2010099	ACEA NovoCyte Quanteon™ 4020 Flow Cytometer (4 lasers, 20 FL channels)
2010100	ACEA NovoCyte Quanteon™ 4016 Flow Cytometer (16 FL channels)
2010101	ACEA NovoCyte Quanteon™ 4000C Custom Build Flow Cytometer
2010098	ACEA NovoCyte Quanteon™ 4025 Flow Cytometer (4 lasers, 25 FL channels) and NovoSampler® Q Combo
2010102	ACEA NovoCyte Quanteon™ 4020 Flow Cytometer (4 lasers, 20 FL channels) and NovoSampler® Q Combo
2010103	ACEA NovoCyte Quanteon™ 4016 Flow Cytometer (4 lasers, 16 FL channels) and NovoSampler® Q Combo
2010104	ACEA NovoCyte Quanteon™ 4000C Custom Build Flow Cytometer and NovoSampler® Q Combo
2020098	ACEA NovoSampler® Q

## Contact Information

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