

Choosing the Right Instrument for Cell Counting and Particle Characterization



Applications Across Sizes

Dynamic & Static Light Scattering

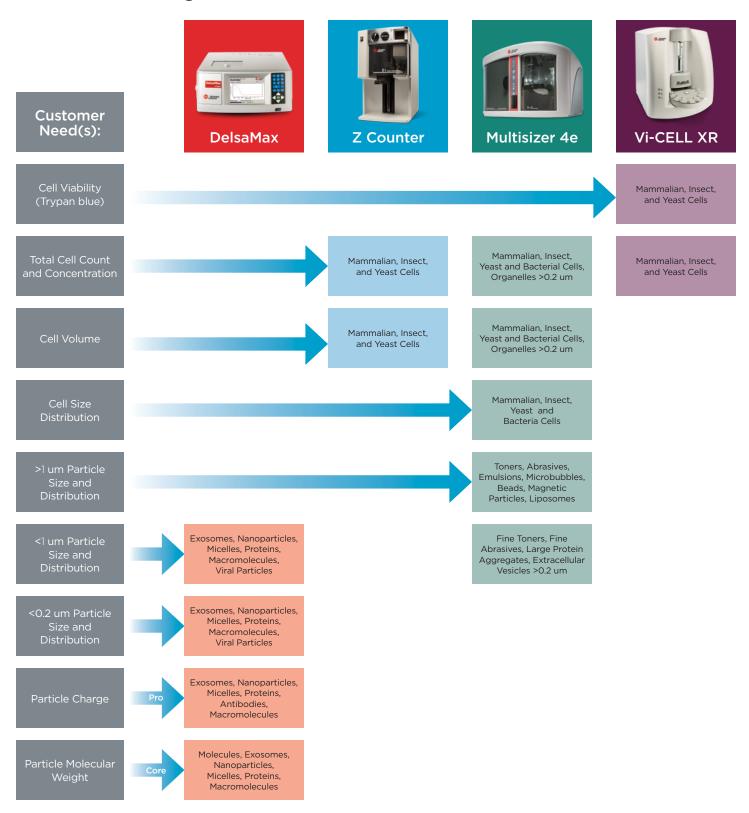
Coulter Principle (Electrical Impedence)

	Dynan	Coulter Principle (Electrical Impedence)																		
	DelsaMax Core DelsaMax Pro						Multisizer 4e													
							Multisizer 3													
Size (nM)	10	50	100	500	1000	Aperture Sizes Available (μΜ)														
Size (μM)						10	20	30	50	70	100	140	200	280	400	560	1000	2000		
						Effective Aperture Upper and Lower Range (μΜ)														
Applications						0.2	0.4	0.6	1.0	1.4	2.0	2.8	4.0	5.6	8.0	11.2	20	40		
						8	16	24	40	56	80	112	160	224	320	448	800	1600		
	Nanoparticles							<u> </u>							<u> </u>		<u> </u>	<u> </u>		
	Proteins/Macromolecules																			
		Protein Aggregates											€ con	SOMEON TIM						
		Virus Particles												1	1/2					
		Liposomes			Liposomes															
							Bacterial Studies Lg. Protein Aggregates													
							CMP Slurries						Mich_manor_							
							Yeast										1			
							Diagnostic Beads													
							Ink Toners													
				and the same of the					Mar	mmalian	Cells									
							Fermentation/Bioreactors													
							Plankton/Cyanobacteria-Biofuels													
							Abrasives - ASTM Methods													
							F								Plant and Plankton Cells					
																В	llood Clo	ots		
														S	tem Cell/	Tissue A	ggregat	es		





Cell Counting and Particle Characterization Decision Tree — Research





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