

## Choosing the Right Instrument for Cell Counting and Particle Characterization



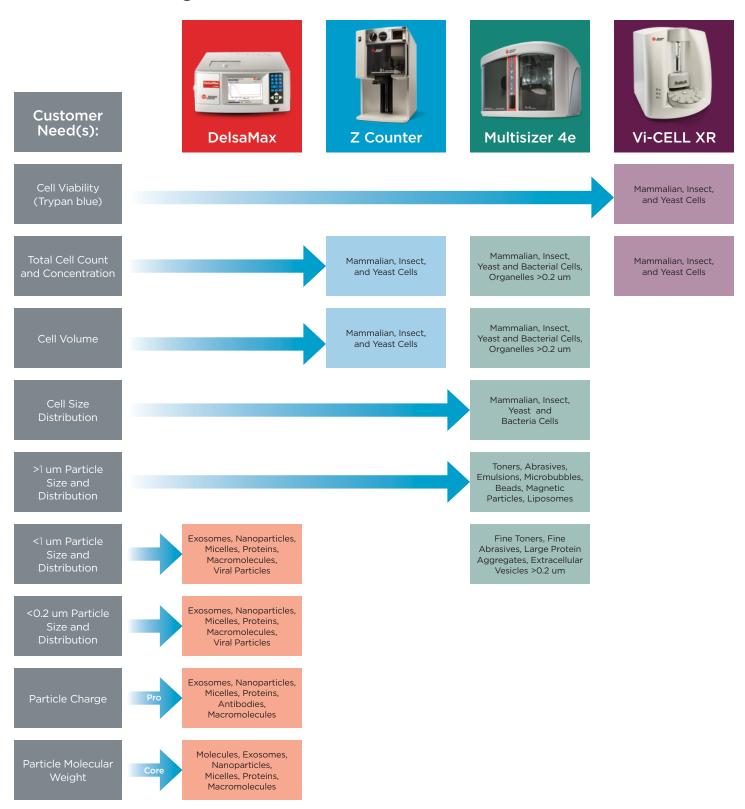
## **Applications Across Sizes**

	Dynan	nic & St	atic Lig	ght Sca	ttering	Coulter Principle (Electrical Impedence)														
		De	lsaMax C	Multisizer 4e																
	DelsaMax Pro						Multisizer 3													
Size (nM)	10 50 100 500 1000						Aperture Sizes Available (μM)													
Size (μM)						10	20	30	50	70	100	140	200	280	400	560	1000	2000		
						Effective Aperture Upper and Lower Range (μM)														
						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									1			•			•				
	Proteins/Macromolecules																			
	Protein Aggregates				gates								€ coest	WARM TO						
		Virus Particles																		
	Liposomes					Liposomes														
							Bacterial Studies													
suc						Lg. Pro	tein Agg	regates												
Applications						CMP Slurries				Notes Is_modern.										
<u>ii</u>									Yeast											
d	₩.						Diagnostic Beads													
∢							Ink Toners													
				and the same of th			Mammalian Cells													
	# 10 0 # 10 0 # 10 0 # 10 0						Fermentation/Bioreactors													
							Plankton/Cyanobacteria-Biofuels													
							Abrasives - ASTM Methods													
							Plant and Plankton Cells													
																В	lood Clo	ts		
													S	tem Cell/	<sup>/</sup> Tissue A	ggregat	es			





## Cell Counting and Particle Characterization Decision Tree — Research





Beckman Coulter, the stylized logo, and the Beckman Coulter product and service marks mentioned herein are trademarks or registered trademarks of Beckman Coulter, Inc. in the United States and other countries.