

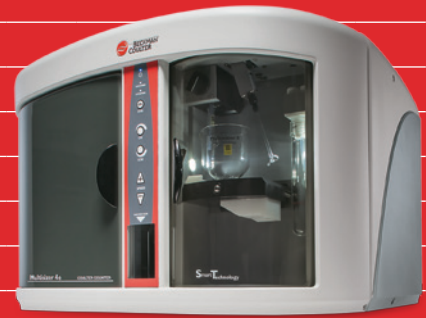


Choosing the Right Instrument

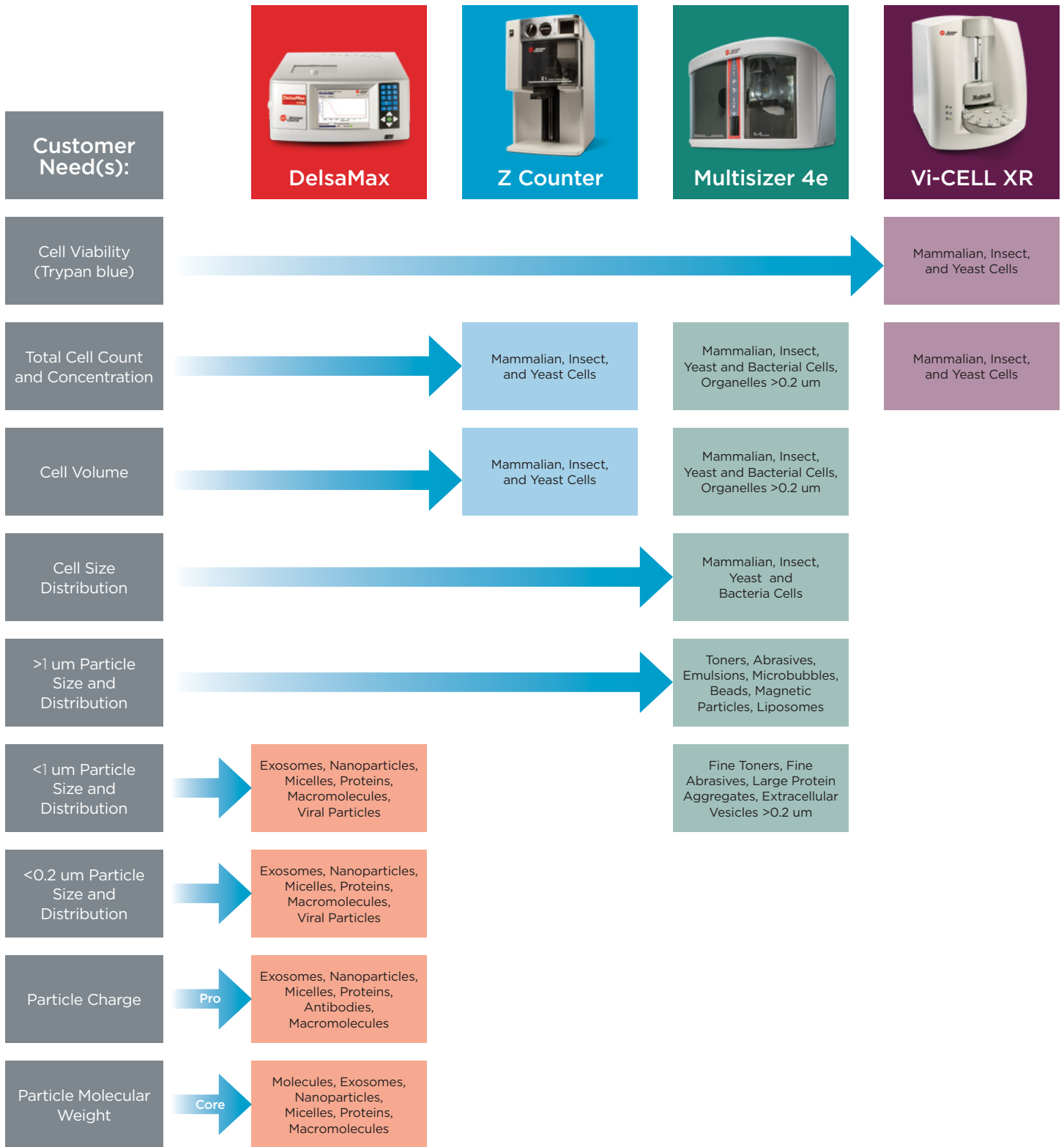
for Cell Counting and Particle Characterization

Applications Across Sizes

		Dynamic & Static Light Scattering					Coulter Principle (Electrical Impedence)													
		DelsaMax Core DelsaMax Pro					Multisizer 4e													
							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	
Applications	Nanoparticles																			
	Proteins/Macromolecules																			
	Protein Aggregates																			
	Virus Particles																			
	Liposomes						Liposomes													
	Bacterial Studies																			
	Lg. Protein Aggregates																			
	CMP Slurries																			
	Yeast																			
	Diagnostic Beads																			
	Ink Toners																			
	Mammalian Cells																			
	Fermentation/Bioreactors																			
	Plankton/Cyanobacteria-Biofuels																			
	Abrasives - ASTM Methods																			
Plant and Plankton Cells																				
Blood Clots																				
Stem Cell/Tissue Aggregates																				



Cell Counting and Particle Characterization Decision Tree — Research



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