

## **TECHNICAL SPECIFICATION FOR AUTOMATED CELL COUNTER**

<b>S.NO</b>	<b>SPECIFICATION</b>	<b>COMPLIED/NOT COMPLIED</b>	<b>CATALOGUE PAGE NO</b>
<b>1.</b>	Flexible dual fluorescence and brightfield cell counting integrated in one machine		
<b>2.</b>	Compatible with both Reusable and non-reusable slides		
<b>3.</b>	Compatible with Trypan blue and fluorescence dyes, DAPI or Hoechst stain		
<b>4.</b>	Required for cell counting and high throughput single cell experiments		
<b>5.</b>	Fluorescence based cellular assay can be done		
<b>6.</b>	Processing time need to be within 30 seconds		
<b>7.</b>	Diameter range of cells, nuclei should be 2-60 micrometer		
<b>8.</b>	Optics: 5 megapixel camera, 2.5X optical magnification		
<b>9.</b>	Able to read cells/nuclei in clump and provide accurate cell counting, both number of dead cells and live cells		

**(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)**