

Invitrogen Countess II FL Automated Cell Counter  
Specifications

Items	
Counting Mode	Brightfield
	GFP <ul style="list-style-type: none"> <li>• Ex: 470/22 nm, Em: 525/50 nm</li> <li>• Compatible dye: GFP, Alexa Fluor<sup>®</sup> 488, FITC, SYBR<sup>®</sup> Green</li> </ul>
	Texas-Red <ul style="list-style-type: none"> <li>• Ex: 585/29 nm, Em: 624/40 nm</li> <li>• Compatible dye: Texas Red<sup>®</sup>, Alexa Fluor<sup>®</sup> 568, Alexa Fluor<sup>®</sup> 594, MitoTracker<sup>®</sup> Red, mCherry, Cy<sup>®</sup>3.5</li> </ul>
Slides	Reusable and disposable slides
Focus	Autofocus with manual focus option
Processing Time	<10 s
Sample Concentration Range	1 x 10 <sup>4</sup> - 1 x 10 <sup>7</sup> cells/mL
Particle Diameter Range	~4 - 60 μm
Cell Diameter Range	~7 - 60 μm
Required Sample Volume	10 μL
Optics	2.5X optical magnification
Exported Data Format	<ol style="list-style-type: none"> <li>1. Result in JPG/BMP/PNG/TIFF format</li> <li>2. Images in JPG/BMP/PNG/TIFF format</li> <li>3. Data in CSV format</li> </ol>