



Cell Counter (INV-CIS-3C)

In the laboratory setting, cell counters are used for calculating the concentration of cells for adjusting molecular biology experiment reagents, examining the growth rate of microorganisms, and calculating the fraction of dead to live cells to measure cell viability.



Features:

- ❖ Designed to be used inside the incubator, without the need to remove your cells from incubator to enhance culture quality control.
- ❖ Flat fielding correction for even bright field background
- ❖ Time-lapse video output
- ❖ It has three channels 1 bright field + 2 fluorescent filters, florescent filter for GEP quantification, emission spectra 510 to 550nm and DAPI quantification emission spectra 440nm to 460nm.
- ❖ Integrated automatic cell counting platform software
- ❖ Measure and convergence analysis
- ❖ It is able to count the cells automatically in bright field

Specifications:

Model	INV-CIS-3C
Sample volume	10-15ul
Camera resolution	4-5 megapixels and 2X optical magnification
Sample reading time	Less than 10 sec
Sample concentration range	1x10 ⁴ to 1x10 ⁷
Data format	JPEG, TIFF, ANG,BMP,CSV
Cell diameter	4-60um
Fluorescence filter	2 filters with emission spectrum 440-550nm
Power supply	100-240V AC, 50/60Hz, 0.58A

