

Automatic Cell Counter

RWD

A great compromise between quality and price

RWD automated cell counter is a reliable cell counting device with highly intelligent analysis software and excellent microscopy optics structure. It can realize accurate, safe cell-counting, and fluorescence analysis in 9 seconds, which liberates researchers from the heavy work of daily cell counting. System works basing on trypan staining.

Suitable for counting cells or particles with a diameter of 4-60 μm , such as most cell lines, stem cells, primary cells, pollens, beer yeast.



Model information	
C100SE	Automated cell counter bright field
C100	Automated cell counter bright field with fluorescence

GelCount™

Mammalian-cell colony, spheroid and organoid counter



GelCount™ is an all-in-one solution for imaging, counting and characterizing adherent or non-adherent colonies, spheroids or organoids on a single integrated hardware and accompanying proprietary PC software platform.

The system automates the detection, counting and analysis of mammalian cell colonies in multi-well plates, Petri dishes and T25 flasks. Colonies and cell types can be either adherent (2D), or non-adherent (3D) seeded in semi-solid matrices or indeed suspension.

Summary applications include:

- Colony formation assay
- Clonogenic assay
- The cell survival assay
- Tumor cloning assay



Automated cell counters & analyzers

The NucleoCounter® range of automatic cell counters and image analyzers are the most precise instruments on the market. They are easy to use, and the automated process makes for safe sample handling. With a NucleoCounter®, you can eliminate human error and obtain fast and consistent results. Mostly models meet the guidelines of 21 CFR Part 11 and contain GMP-ready software for integration with clinical applications.



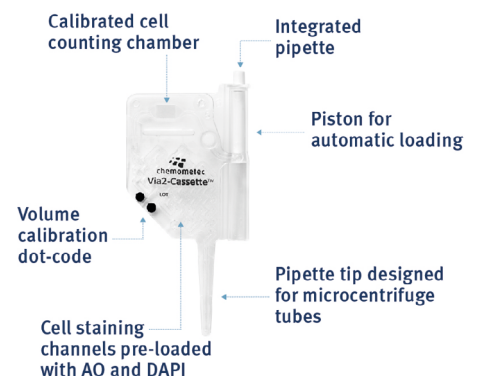
NucleoCounter's cassette technology

Precision, accuracy & reproducibility eliminates human bias in cell counting



All NucleoCounters works with dedicated, preloaded cassettes with acridine orange and DAPI or propidium iodide PPI. The volume-calibrated single-use Via1-Cassette™ and Via2-Cassette™ are true all-in-one solutions for optimized cell counting. The disposable plastic units contain fluorescent dyes used for analysis. You can load a cell sample into the cassettes by simply submerging the built-in pipette into the cell suspension and pressing on the piston.

For further precision and reproducibility of results, the cassette's measurement chamber has a pre-calibrated volume, detected individually for each sample analysis run. No user or pipetting errors interfere with data generation, and the instrument will tell you if you are working within the recommended cell concentration range.



Model information		Cassettes or slides
NC3000™	Advanced image cytometer	Via1-Cassette™, PI-Cassette™
NC250™	Automated cell analyzer	Slides
NC202™	Automated, consistent cell counter with standardized protocols	Via2-Cassette™
NC200™	Cell counter without standardized protocols	Via1-Cassette™
SP100™	Automated somatic cell counter	SP1-Cassette™
SCC100™	Automated sperm cell counter	SCC-Cassette™
YC100™	Automated yeast cell counter	Nucleo-Cassette™