

# NucleoCounter® NC-200™

The Easiest Viability and Cell Count Ever!

## NucleoCounter® NC-200™

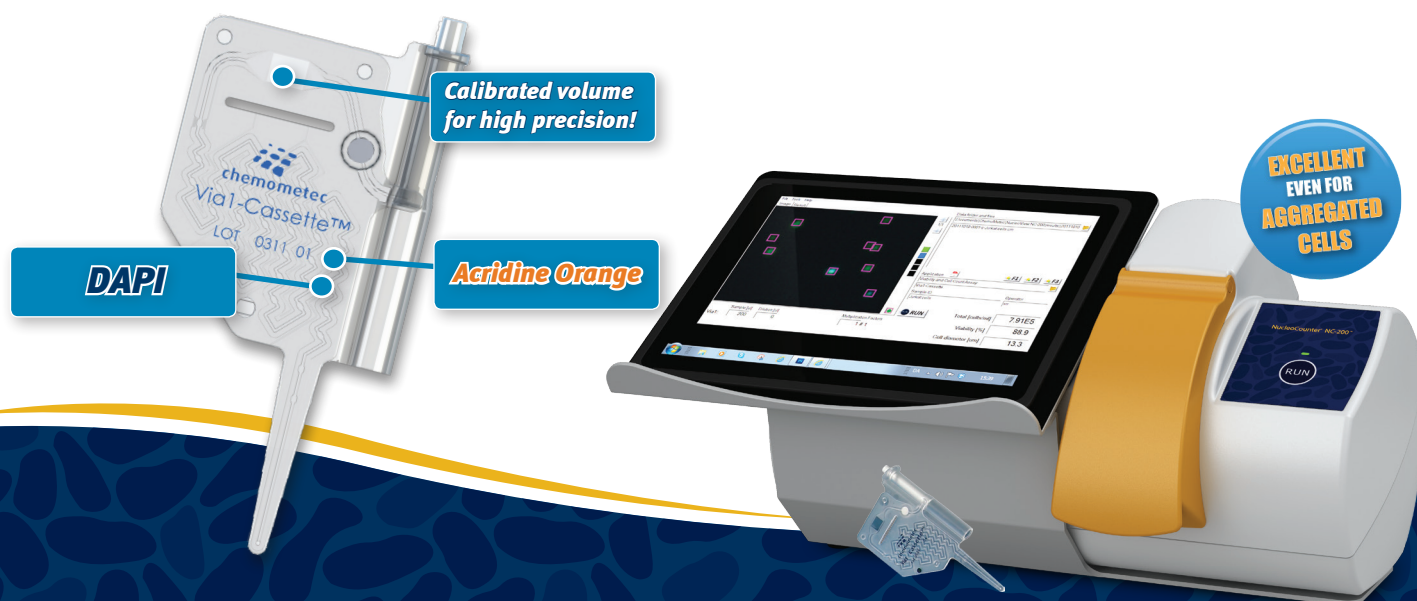
NucleoCounter® NC-200™ is an integrated fluorescence microscope with dual fluorescence channels designed to detect signals from cells stained with acridine orange and/or DAPI.

Viability and cell count have never been easier or more precise. The NucleoCounter® NC-200™ is a giant step forward in automated cell counting. No need to add buffers or dyes. No need to calibrate. Just prepare your cell suspension, load the disposable Via1-Cassette™ and press RUN.

The NucleoCounter® NC-200™ is a compact instrument designed to fit perfectly in any mammalian cell laboratory performing research, quality control or monitoring of production.

## Key Benefits of the NucleoCounter® NC-200™

- ✓ **One step viability and cell count in less than 50 seconds**
  - Total count
  - Viability
  - Cell diameter
  - % of aggregated cells
- ✓ **No pre-treatment**
- ✓ **Fast and easy operation**
- ✓ **Maintenance and service free**
- ✓ **Safe sample handling and disposal**
- ✓ **Excellent reproducibility**
- ✓ **Automated PDF reports**
- ✓ **21 CFR part11 ready**



**NucleoCounter® NC-200™**  
*When other cell counters give up!*

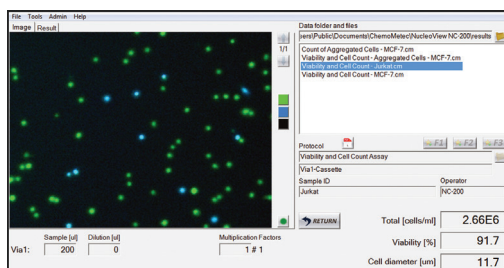
## Easy, precise and objective

No need for pre-treatment or calibration



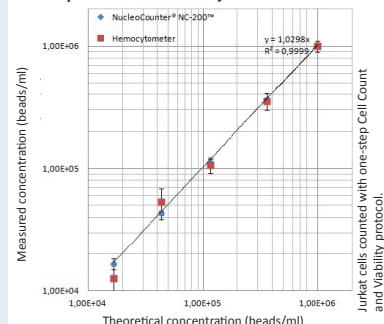
The Via1-Cassette™ has calibrated volume and contains dyes.

Fast and objective results with visual inspection in less than a minute



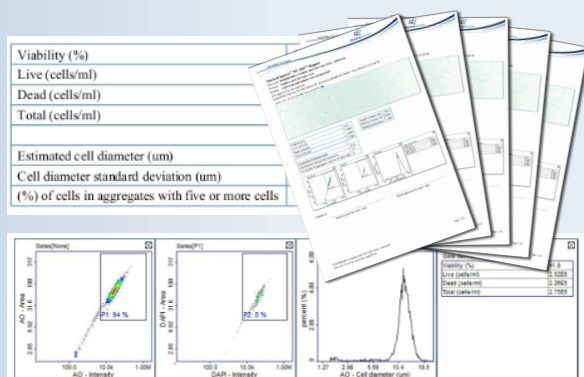
Total count, viability, cell diameter and percentage of aggregated cells.

Superior statistics and reproducibility



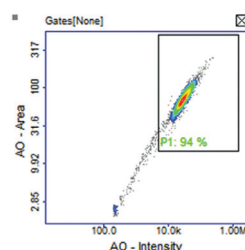
Excellent linearization of dilution ranges.

## Automated PDF reports



## Superior and flexible software

The NucleoCounter® NC-200™ comes with a superior software package. Optional dilution factors can be directly entered into the software. The wizard allows easy modification of protocols for special applications.



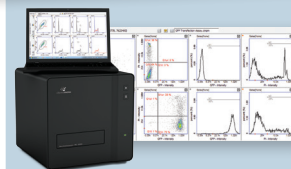
### NucleoView™ NC-200 Software

- ✓ Export of data to Excel, PDF, CSV
- ✓ Browse data from prior samples
- ✓ Easy selection of protocols
- ✓ Visual inspection of counted cells
- ✓ Quick access to favorite protocols
- ✓ Wizard for protocol customization

## NucleoCounter® NC-200™ Specifications

<b>Loading volume:</b>	60 μl is loaded into the Via1-Cassette™
<b>Measurement volume:</b>	1.4 μl in the measurement chamber of the Via1-Cassette™
<b>Analysis time:</b>	50 seconds (one step), 120 seconds (two step)
<b>Measurement range:</b>	$5 \times 10^3$ to $1 \times 10^7$ cells/ml.
<b>Optimal range:</b>	$5 \times 10^4$ to $5 \times 10^6$ cells/ml.
<b>Size:</b>	38 x 26 x 22 cm (W x H x D), weight 3 kg
<b>Software:</b>	NucleoView™ NC-200 software

**Do you want to know more about your cells?**



Next generation cell analysis is here:  
**NucleoCounter® NC-3000™**



For more information, please visit  
[www.chemometec.com/NC-200](http://www.chemometec.com/NC-200)