

# The NucleoCounter® NC-200™

## The Most Precise Cell Counter

- ✓ Aggregated cells
- ✓ Cells growing on microcarriers
- ✓ Adipose derived stem cells

### The NucleoCounter® NC-200™

The 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 it into the disposable Via1-Cassette™ place the cassette in the slot 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
- ✓ Flexible software package
- ✓ Automated PDF reports
- ✓ 21 CFR part 11 ready



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

# NucleoCounter® NC-200™

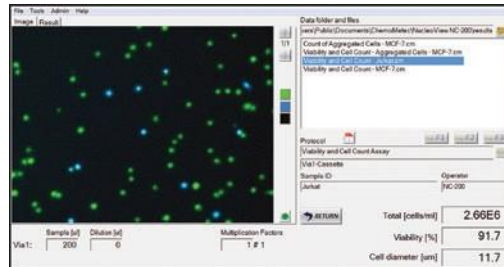
*Easy, precise and objective*

Noneedfor pre-treatment  
or calibration



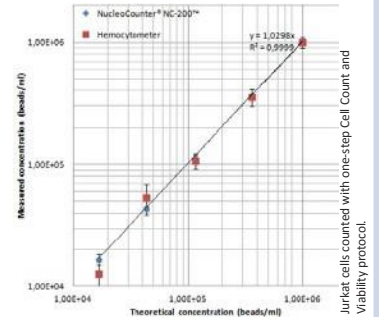
The Via1-Cassette™ has calibrated volume and contains dyes.

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



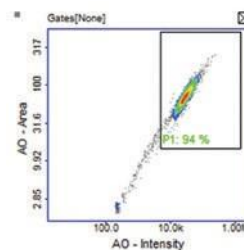
Excellent linearization of dilution ranges.

Automated PDF reports



*Superior and flexible software*

The NucleoCounter® NC-200™ comes with a superior software package. The user input of optional dilution of a sample is directly accounted for in the software. The protocols can easily be adapted to accommodate difficult cells with the wizard.



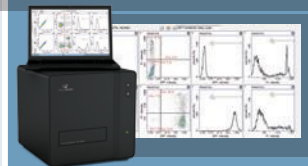
NucleoView™ NC-200 Software

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

## NucleoCounter® NC-200™ Specifications

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

*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)

[www.youtube.com/chemometec](http://www.youtube.com/chemometec)

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