

The NucleoCounter® NC-200™

The Most Precise Cell Counter

The NucleoCounter® NC-200™

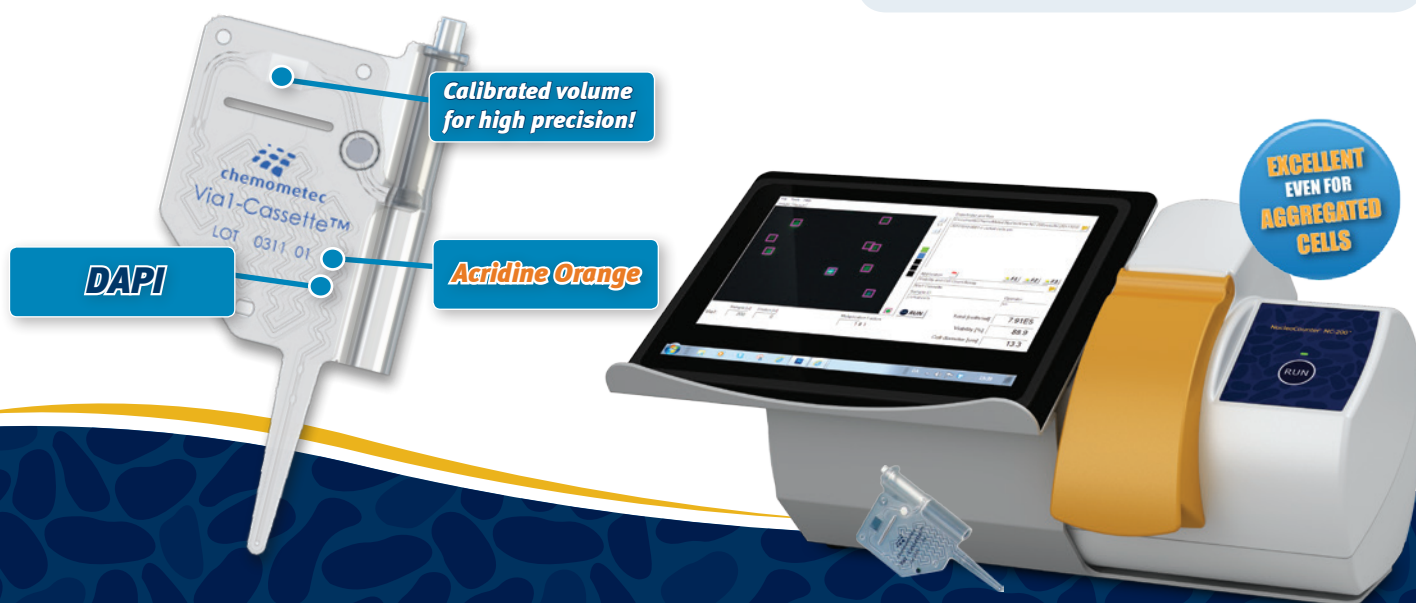
The NucleoCounter® NC-200™ is an integrated fluorescence microscope with dual fluorescence channels designed to detect signals from cells stained with acridine orange and/or DAPI.

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 part11 ready**



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

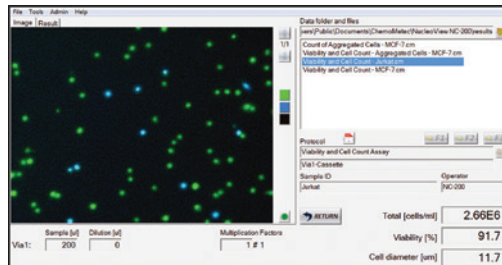
Easy, precise and objective

No need for pre-treatment or calibration



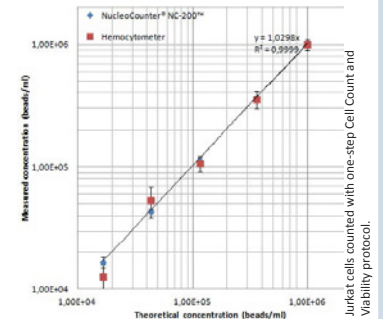
The Via1-Cassette™ has calibrated volume and contains dyes.

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



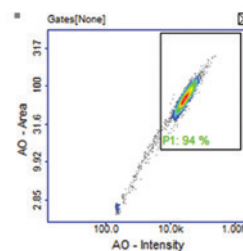
Excellent linearization of dilution ranges.

Automated PDF reports



Superior and flexible software

The NucleoCounter® NC-200™ comes with a superior software package. 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.



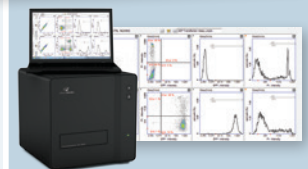
NucleoView™ NC-200 Software

- ✓ 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 ³ to 1 x 10 ⁷ cells/ml.
Optimal range:	5 x 10 ⁴ to 5 x 10 ⁶ 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