

The NucleoCounter® NC-200™

The Easiest Viability and Cell Count Ever!

The NucleoCounter® NC-200™

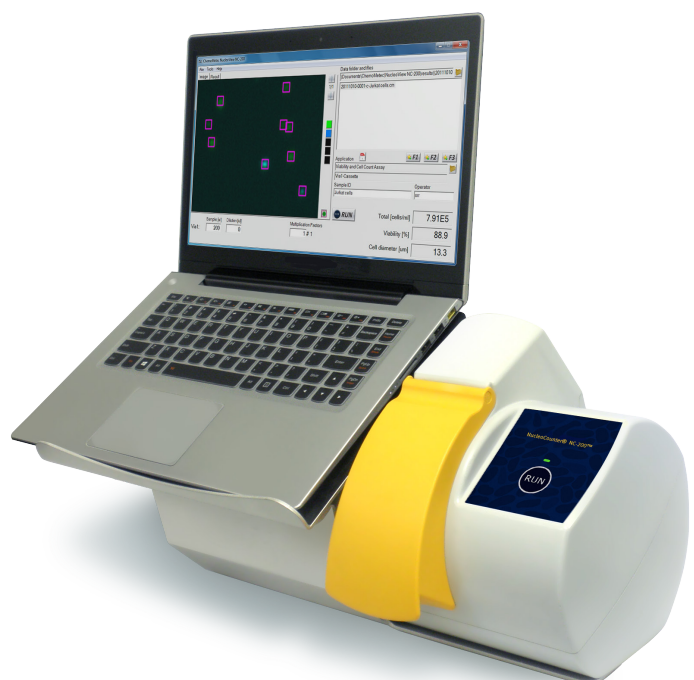
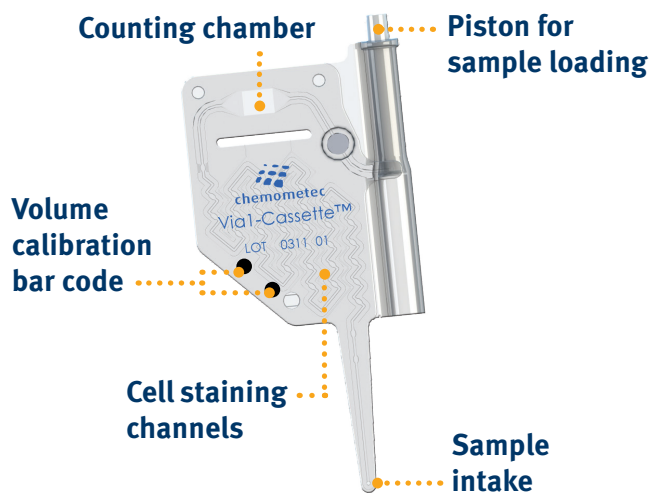
The NucleoCounter® NC-200™ is an integrated fluorescence microscope with dual fluorescence channels designed to detect signals from cells stained with acridine orange and/or DAPI.

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 a single use 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
 - Percentage of aggregated cells
- ✓ No pre-treatment
- ✓ Fast and easy operation
- ✓ Safe sample handling and disposal
- ✓ Excellent reproducibility
- ✓ Flexible software package
- ✓ Automated PDF reports
- ✓ 21 CFR part11 ready
- ✓ Unlimited software licences
- ✓ Small footprint



NucleoCounter® NC-200™

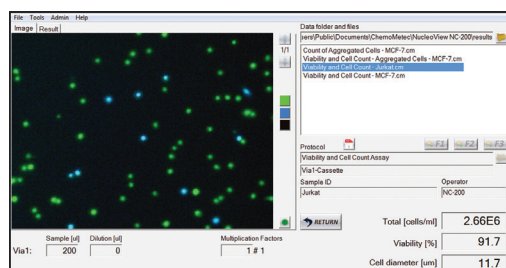
Easy, precise and accurate

No need for pre-treatment or calibration



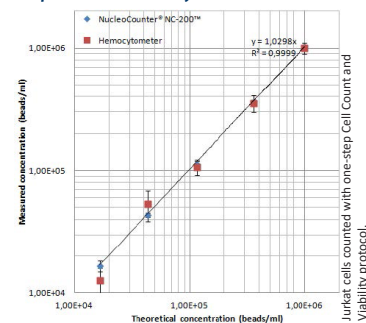
The Via1-Cassette™ is volume calibrated and contains dyes.

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



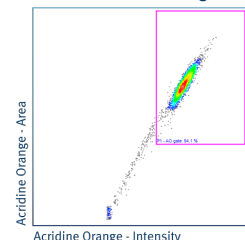
Superior and flexible software

The NucleoCounter® NC-200™ comes with an intuitive 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
- ✓ Unlimited licences

AO Plot with Counting Gate



NucleoCounter® NC-200™ Specifications

Loading volume:	approximately 60 µl is loaded into the Via1-Cassette™
Measured volume:	1.4 µl in the measurement chamber of the Via1-Cassette™
Analysis time:	50 seconds (one step), 120 seconds (two step)
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 4 kg
Software:	NucleoView™ NC-200 computer software for documentation and presentation



ChemoMetec A/S
 Gydevang 43, DK-3450 Allerød,
 Denmark
 Phone (+45) 48 13 10 20
 Fax (+45) 48 13 10 21
 Mail contact@chemometec.com
 Web www.chemometec.com