

# The NucleoCounter<sup>®</sup> NC-200<sup>™</sup>

## The Most Precise Cell Counter

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

### The NucleoCounter<sup>®</sup> NC-200<sup>™</sup>

The NucleoCounter<sup>®</sup> NC-200<sup>™</sup> 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<sup>®</sup> NC-200<sup>™</sup> 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<sup>™</sup> place the cassette in the slot and press RUN.

The NucleoCounter<sup>®</sup> NC-200<sup>™</sup> 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<sup>®</sup> NC-200<sup>™</sup>

- ✓ 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<sup>®</sup> NC-200<sup>™</sup>

When other cell counters give up!

# NucleoCounter® NC-200™

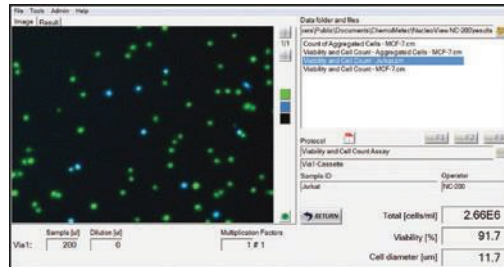
*Easy, precise and objective*

Noneed for pre-treatment or calibration



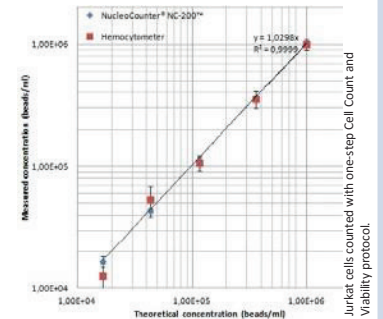
The Via1-Cassette™ has calibrated volume and contains dyes.

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



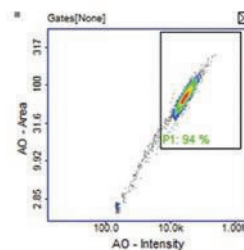
Excellent linearization of dilution ranges.

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:	$5 \times 10^3$ to $1 \times 10^7$ cells/ml.
Optimal range:	$5 \times 10^4$ to $5 \times 10^6$ 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 learn more about your cells?*



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

**Reach out today for more information or to connect with a local representative to schedule a demonstration.**



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