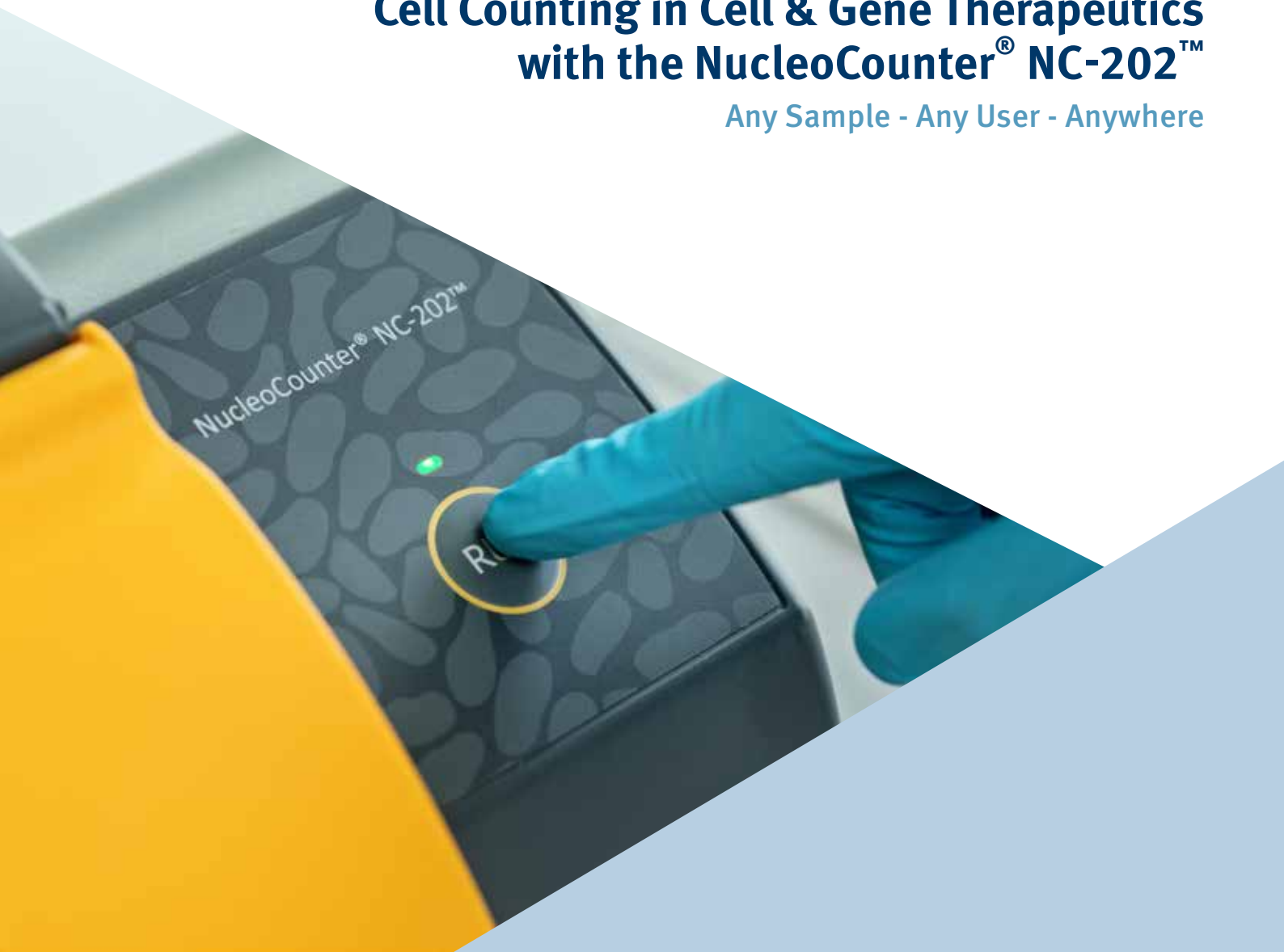




Cell Counting in Cell & Gene Therapeutics with the NucleoCounter[®] NC-202[™]

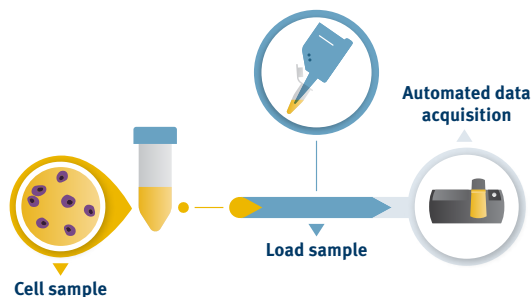
Any Sample - Any User - Anywhere



Via2-Cassette™ - A Unique Tool

The NucleoCounter® NC-202™ uses the unique Via2-Cassette™, which combines cell sampling, staining and loading into one single workflow.

With the Via2-Cassette™, leave manual pipetting and sample quantification in the past. As a result, you will eliminate user bias and make training and process scaling effortless.



NucleoCounter® NC-202™ Features

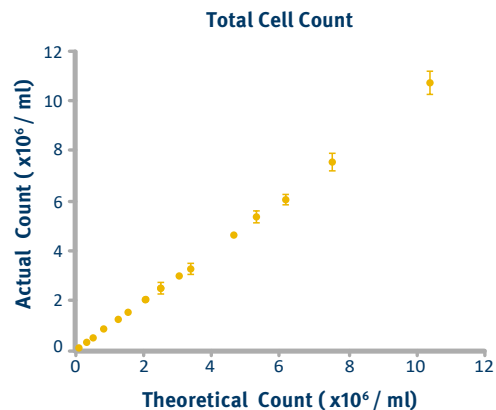
- Data management: Auto-export functions for easy integration
- Secure Mode software: GMP/-21 CFR Part 11-ready
- Short acquisition and analysis time: Only 30 seconds per sample
- Broad linearity range: Count samples up to 1×10^7 cells/ml
- Superior specificity: Automatic data QC eliminates sample artifacts
- Reliable data: High signal-to-noise ratio and dynamic range
- Robust data: Qualified against a reference instrument
- Specific assay for analysis of full blood

High Precision & Accuracy

The NucleoCounter® has an easy-to-use workflow:

Load sample – press RUN – get data

The process keeps handling interference to a minimum and results in the highest level of data robustness. This is evident from the low coefficient of variation (CV) and high linearity when counting with the NC-202™ compared with the theoretical cell number.

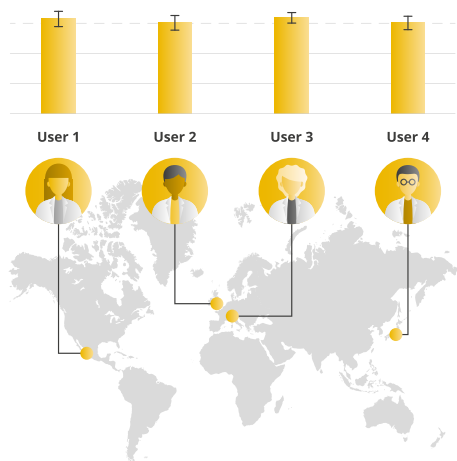
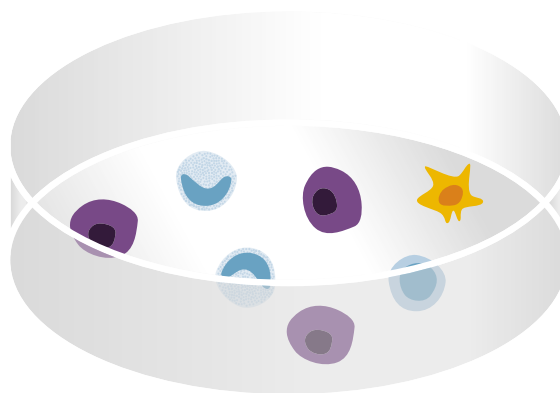


One Counter for All Cell Samples

The NucleoCounter® NC-202™ can handle all cell types: No optimization is required. The instrument provides robust and precise data regardless of cell size, morphology and media type, even in the presence of red blood cells, magnetic beads or cellular debris.

Consequently, the NC-202™ is painless to validate, even for the most complex processes.

- Whole blood
- Leukopaks
- PBMCs
- Aggregated cells
- iPSCs
- MSCs
- TILs
- Dendritic cells



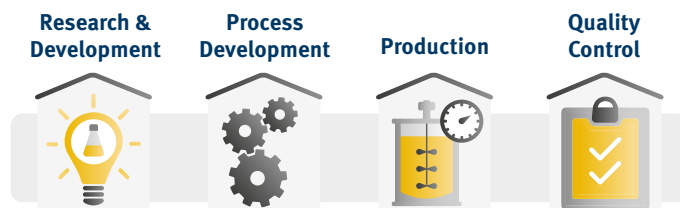
Robust Data with Every Instrument

All instruments are pre-calibrated to a reference instrument, ensuring each instrument delivers robust data. This rigorous qualification testing makes certain that you will obtain reliable data you can trust, regardless of who performs your cell analysis or where it is carried out.

Process standardization is key to providing a quality end product. With the NC-202™, you can count any sample, by any user, anytime and move your therapy forward.

Scalability from Initial Target to Full ATMP Production

The NucleoCounter® has become the preferred instrument in cell and gene therapy. When cells are the medicine, there is an extreme need for precision in cell counting. This can be achieved with the NucleoCounter® which performs so robustly that protocols can be directly transferred between departments and sites. This ensures fast technical transfer for agile process optimization and scaling.



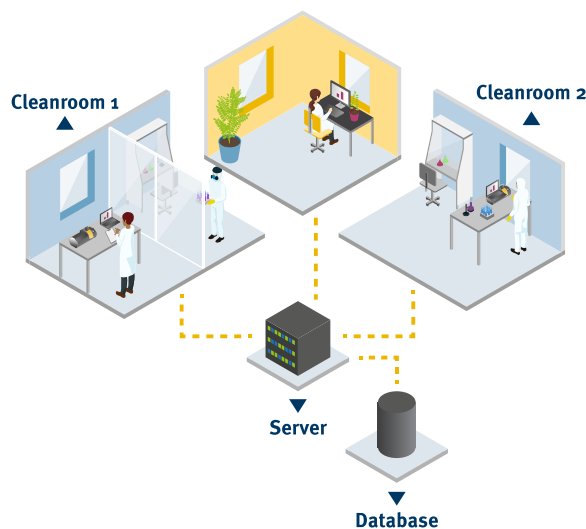
GMP-Ready Data Management

NucleoCounter® software is integratable with 21 CFR Part 11 (EU Annex 11) and can be integrated into any GMP setup with the Secure Mode software package. Data from multiple instruments can be stored in a secure manner for full operator management and transparency.

With the NC-View™ software for the NucleoCounter® NC-202™, your data is traceable in a secure audit trail format.

21 CFR PART 11 READY

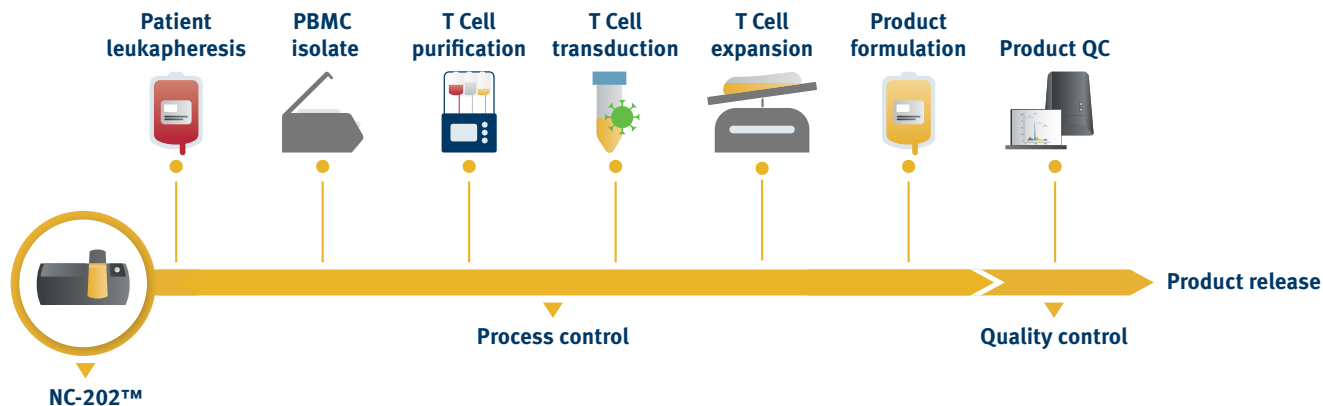
NucleoCounter® Designed for GMP

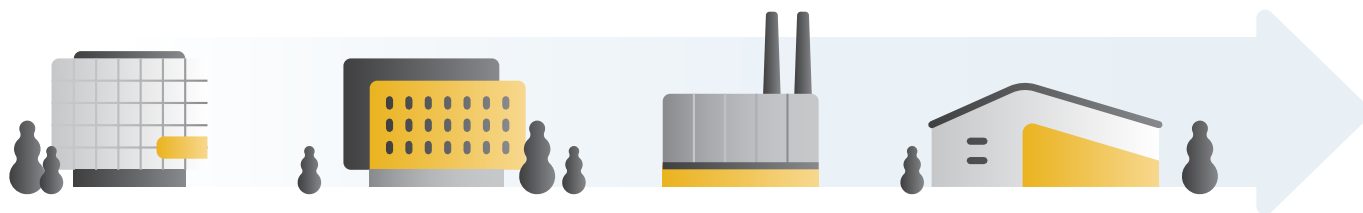


One Instrument for All Your Counts

The NucleoCounter® NC-202™ is the most robust automated cell counter for cell and gene therapies. From isolating target cells from patient samples, through to immune cell modification and product formulation, the NC-202™ provides consistent and reliable results at each step.

The instrument combines two key features: An easy-to-use method of counting and analysis, together with fixed optical parts. Having an NC-202™ in your lab minimizes downtime and deviations from occurring.





Reproducibility & Cost Savings

It is costly to rely on an inconsistent cell counting method. When relying on sub-optimal instruments for data acquisition, large operations and small labs alike suffer project delays to technology transfers across their production pipeline and manufacturing releases.

The NucleoCounter® instruments' superior performance is achieved through advanced factory calibrations and high-quality components that remain stable over time.

The NC-202™ eliminates the error sources in cell counting and leads to a higher success rate of processes, resulting in significant cost savings.

Fast Implementation & Employment

Consistency and robustness are key to cell counting success. Using the NucleoCounter® instrument ensures that your cell counting method validation is painless while serving you the most reliable cell counting data on the market.

During installation, our Field Application Scientists use customized qualification kits to ensure the instrument's optimal performance and low instrument-to-instrument variation. A professional qualification guarantees instrument functionality, so you can always trust your data.



Ease GMP-Compliance with a Service Plan

ChemoMetec is dedicated to keeping your instrument and software qualified, validated and up-to-date. Have peace of mind knowing that your NucleoCounter® will maintain its superior performance without down-time.

- Priority access to technical and scientific specialists
- Enhanced warranty covers all defects/breakdown
- Comprehensive on-site service check including visits and instrument validation from our Field Application Scientists
- Regular user training and workflow sparring



Application Support & Training from Our Scientific Staff

ChemoMetec is fully committed to the success and satisfaction of our customers. We offer training, application support and dedicated field service teams to ensure our customers achieve optimal instrument performance and the best quality results continuously.



Our world-class service supports you in NucleoCounter® NC-202™ product installation, future upgrades and application development. Hands-on training is available with the purchase of every NucleoCounter® NC-202™.



ChemoMetec Field Application Scientists are located around the world to provide both on-location and remote assistance and advice.



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The information contained herein is to the best of our knowledge accurate and complete. However, cell species and cell environments may vary in property. Therefore, systematic and/or random deviation between estimates obtained by the NucleoCounter® instruments and other cell counting methods may occur. As such, nothing contained or stated herein, including results obtained from use of the NucleoCounter® NC-202™, shall be construed to imply any warranty or guarantee. ChemoMetec A/S and affiliated companies shall not be held liable for damages, and customers shall indemnify ChemoMetec A/S and affiliated companies against liability flowing from use of potentially inaccurate data generated by a NucleoCounter®. It is recommended that all results obtained with the NucleoCounter® instruments be validated against appropriate reference methods and/or traditional laboratory methods at regular intervals.