



CHEMOMETEC » NUCLEOCOUNTER » NUCLEOCOUNTER® NC-202™

NucleoCounter® NC-202™

Consistent Cell Counter

[Request Quote](#)[Free Demo](#)

- Consistent results across instruments, users and sites
- 21 CFR Part 11/GMP-ready 10.
- Use with Via2-Cassette™ to eliminate human error
- Increased cell counting range: No more dilutions
- Scalable system with 21 CFR Part 11/GMP-ready software 10.



The NucleoCounter® NC-202™ automated cell counter is **the most precise on the market**. It is used in a wide range of industry and research applications and is our 3rd generation automated cell counter with improved functionality.

Our cassette-based instrument features upgraded hardware and new **NC-View™** software. The combined inter-operator and inter-instrument variation is extremely low. This means you get identical results with any cell sample, recorded by any user, anywhere in the world.

The DebrisIndex™ feature measures culture debris build-up. Debris negatively affects downstream filtering and purifications steps, so directly measuring debris facilitates better process development parameters. Learn more about **DebrisIndex™**.

The NC-View™ software is compatible with **21 CFR Part 11/GMP guidelines** and can be integrated into your clinical workflow.

6.

The disposable **Via2-Cassette™** combined with the NucleoCounter® NC-202™ automated cell counter create a closed **cell counting system**, helping you stay protected when handling samples. No pipettes, no exposure to (toxic) reagents, and minimal clean-up make the NucleoCounter® system a safe option.

Read more about the Cassette technology

Any sample. Any user. Anywhere.

[See related webinars](#)





Consumables

Related documents

Publications

Application type(s)

Cell count & viability for mammalian cells

3.

Cell type(s)

Mammalian cells, including cell lines, leukopaks, PBMCs, whole blood, MSCs, T-cells, aggregated cells, & microcarriers

2.

Software

NC View™

Consumable(s)

Via2-Cassette™

Capacity (Analysis time)

25 – 40 seconds

Loading volume

60 µl

4.

Analysis volume

1.4 µl

Optimal range

5×10^4 to 1×10^7 cells/ml

T3.

Staining dye(s)

Acridine orange (AO), DAPI

T2.

Excitation

2 LED light sources peaking at 365 nm and 505 nm, dark field light

Emission (nm)

A single dual-band emission filter: 410 – 460 nm and 540 – 650 nm

Optics

Lens with x2.1 magnification, 2/3" CMOS camera

Data output

Images, tables

Data export formats

.cm, .csv, .pdf

5.

Product Number

900-2020

Size

40 × 23 × 25 cm (W × H × D)

Weight

4.9 kg (9.9 lb)

Supply voltage

24VDC (100-240V ~ 50-60Hz)

8.



Counting cells with microcarriers

Join Pedro, the author of the groundbreaking study on the scalable manufacturing of gene-modified hMSCs, as he delves deep into the world of adherent cell manufacturing to microcarriers...

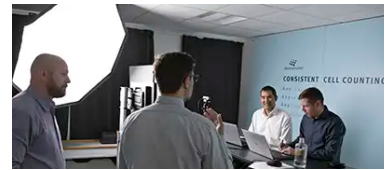
[READ MORE](#)



Adhering to 21 CFR part 11 is essential in...

Adhering to 21 CFR Part 11 is essential in cGMP environments. This webinar describes how ChemoMetec solves the challenges...

[READ MORE](#)



Optimizing cell counting in...

In this webinar, representatives of Research and Training at the NIBRT will describe how this critical aspect of the manufacturing processes may be optimised...

[READ MORE](#)

[See all webinars](#)

Explore Our Publications: Discover Breakthroughs with NucleoCounter® Instruments

[Explore Publications](#)



ChemoMetec © 1997-2024 All Rights Reserved

Find us



Quick links

[Privacy policy](#)

[Terms of sale](#)

[Contact us](#)

[Journal](#)

[Code of Conduct](#)

[Investor Relations](#)

[Whistleblower alert](#)

[Newsletter](#)





[Privacy policy](#)

[Terms of sale](#)

[Contact us](#)

[Journal](#)

[Code of Conduct](#)

[Investor Relations](#)

[Whistleblower alert](#)

[Newsletter](#)

Find us



ChemoMetec © 1997-2024

All Rights Reserved

