

NucleoCounter® NC-202™

Consistent Cell Counter

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- 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...

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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...

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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...

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