**NucleoCounter® NC-200™**

One Cassette. One Setting. Truly Objective

**Array Description**

The NucleoCounter® NC-200™ automated cell counter is a high-precision instrument utilizing state-of-the-art image cytometry. It counts suspension cells, aggregated cells, CAR-T cells, stem cells and cells on microcarriers.

The NucleoCounter® NC-200™ automated cell counter comes with optimized analysis settings for cell count and viability measurements. Along with its user-adaptable protocols and specialized assays, the NC-200™ is an all-in-one solution for cell counting and cell viability determination.

Use the Via1-Cassette™ with this cell counter for automated staining and sample handling. The disposable cassette is volume-calibrated to ensure high-precision counts and cell reproducibility.

This closed cell counting system helps you stay protected when handling samples. No pipettes, no exposure to (toxic) reagents, and minimal clean-up make the NucleoCounter® system a safe option.

**Specifications**

- **Application Type(s)**: Cell count & viability for mammalian cells
- **Cell type(s)**: Mammalian cells, including cell lines, leukopaks, PBMCs, whole blood, MSCs, T-cells, aggregated cells, & microcarriers
- **Software**: NucleoView™
- **Consumable(s)**: Via1-Cassette™
- **Capacity (Analysis time)**: 50 seconds (one step), 120 seconds (two steps)
- **Analysis volume**: 1.4 μl
Optimal range 5×10^4 to 5×10^6 cells/ml (for counting)

Staining dye(s) Acridine orange (AO), DAPI

Loading volume 60 μl

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 x1.3 magnification, 1/2.” CMOS camera

Data output Images, tables, histograms, scatter plots

Data export formats .cm, .csv, .pdf, .cmpp, .bmp, .tiff

Product number 900-0200

Size 38 × 26 × 22 cm (W × H × D)

Weight 4.5 kg (9.9 lb)

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

See full list of related products