

Image Cytometer - NucleoCounter® NC-3000™



Fig. 1. The NucleoCounter® NC-3000™

The NucleoCounter® NC-3000™ is an advanced image cytometer utilizing fluorescence imaging to characterize cell properties. The NC-3000™ can perform high speed cell count and viability determination and includes plug-and-play analytical assays of mammalian, yeast and insect cells. Pre-defined assays include a unique 5-minute cell cycle assay, a selection of apoptosis assays and a GFP transfection efficiency assay.

With the FlexiCyte™ license, the user can create protocols choosing light source, emission filters and detailed settings. The accompanying software can be used for data analysis of the results and has unlimited licenses.

The NC-3000™ benchtop image cytometer ensures flow-like analysis with high reproducibility and is maintenance and calibration free.

The NucleoCounter® NC-3000™ is ideal for the regulated QC, production and even PD and R&D departments. Instrument and method verification e.g. in combination with 21 CFR Part 11 ensures that the instrument performs and lives up to the requirements and demands of the pharmaceutical and biotech industries. Standardized pdf-reports, user control and registration of audit trails allow for documentation of all procedures. Combined with high precision and limited user influence this makes the NucleoCounter® NC-3000™ a one-of-a-kind cytometer.

For more information: [Image cytometer - NucleoCounter® NC-3000™](#)

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