

Cellometer[®] Auto T4 Cell Counter

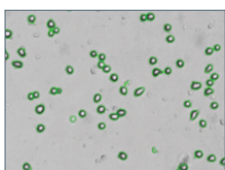
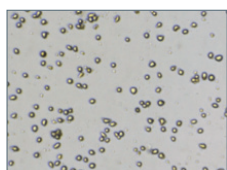
Automated Analysis of Cell Lines and Cultured Primary Cells

Why do all 40 NCI Comprehensive Cancer Centers use the Cellometer Auto T4 Cell Counter?

Accurate Analysis of >99% of Cultured Mammalian Cells Including all of the NCI-60 cell lines, clumpy cells, and irregular-shaped cells

One-Step Concentration and Viability in <30 Seconds The Auto T4 automatically generates cell images and calculates concentration, % viability, and mean cell diameter

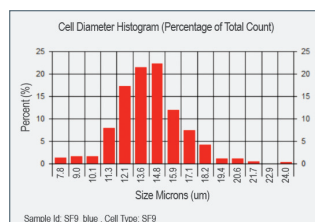
Library of >300 Cell Types Utilize optimized profiles for more than 300 cell types. Create a unique profile using 12 adjustable counting parameters



Visual Confirmation of Results

Check cell morphology and view counted images to ensure debris is excluded and only cells of interest are being counted.

Cell Size Analysis Count specific cell populations based on size. Overlay histograms to analyze changes in cell size over time.



More than 270 articles from peer-reviewed journals reference Cellometer systems

View the most recent Cellometer references at www.nexcelom.com/references

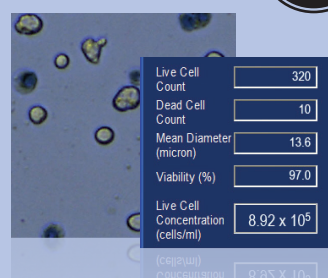
Simple Cell Counting & Trypan Blue Viability in Seconds!



Pipette 20µl of Sample



Insert Disposable Slide



View Image & Results in <30 Seconds

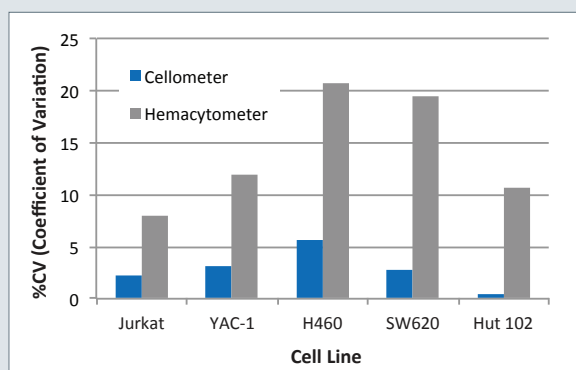


10x Faster than Manual Counting

Counting 1×10^6 cells takes approximately 5 minutes with a manual hemacytometer. Counting live and dead cells sometimes takes twice as long. The Cellometer Auto T4 Cell Counter calculates cell count and concentration for live and dead cells and % viability (based on trypan blue staining) in just 30 seconds

Improved Data Accuracy & Consistency with Automated Cell Counting

- Eliminate Wash Steps
- Eliminate Judgement Errors
- Eliminate Recording & Calculation Errors
- Reduce Counting Time ... Run More Experiments



More Precise than Manual Counting

The Cellometer %CV (Coefficient of Variation), including sample preparation for $n=4$, was well under 5% for most cell lines tested. The CVs for manual counts ranged from 8% to 20%. Automated cell counters remove inter-operator variability and subjectivity from cell counts to generate more precise data. Electronic data capture eliminates the potential for transcription errors.

The Top 10 Pharmaceutical Companies Use Cellometer Cell Counters



Automated Data Management

Auto-save cell images and data tables to a specified network location. Export images and results for publication or presentation. Easily print reports for a static record of QC results.

Dedicated Applications Support

Nexcelom Applications Specialists focus exclusively on cell viability & cell-based assays. Our trained specialists are available for field-based seminars, demonstrations, and training. Nexcelom Technical Support Specialists can assume remote control of the Auto T4 Cell Counter for additional on-line support.

We are confident that the Auto T4 will work for you as well, but we invite you to

See for Yourself.