

Nexcelom Cellometer Auto 1000 Cell Viability Counter

All-in-one, touch-screen instrument for accurate, automated Trypan Blue viability.

Rating: Not Rated Yet

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Manufacturer [Nexcelom](#)

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Description

Trypan Blue Viability in < 10 Seconds!

The Auto 1000 utilizes bright field imaging to quickly and accurately identify and count individual live cells and dead cells stained with Trypan Blue. Cell count, concentration, diameter, and % viability are automatically calculated and reported in < 10 seconds.

Stand-Alone Instrument with Large Touch Screen

The Cellometer Auto 1000 is a convenient all-in-one system. The built-in computer can be lined to a network via USB cable or a USB drive can be used to automatically save counting data.

The large 10" Auto 1000 touch-screen enables simple operation and user-friendly visualization of cell morphology and counted cells. Easily select saved assays with optimized counting parameters for specific cell types.

Counted Cell Images for Data Verification

No two cells are the same. With the Auto 1000 Cell Counter, cell morphology can be immediately viewed on-screen in the bright field image.

Counted cells can be viewed for further verification that cells in the sample are being imaged and analyzed properly.

Users can confirm that:

- Cells are counted correctly, based on size and shape
- Cells within small clusters are being counted individually
- Debris is being excluded

Features

Features

- Trypan Blue Viability in < 10 Seconds!
- Stand-Alone Instrument with Large Touch Screen
- Counted Cell Images for Data Verification
- Analysis of Clumpy & Irregular-Shaped Cells
- Cell Size Analysis & Size-based Counting
- Faster and More Precise than Manual Counting
- Imaging Chambers - No Washing or Contamination
- Auto-Save Data and Cell Images
- Dedicated On-line Applications Support

Improve Data Accuracy & Consistency

- Eliminate Wash Steps
- Eliminate Judgment Errors
- Reduce Inter-Operator Variability
- Eliminate Recording & Calculation Errors
- Reduce Counting Time Run More Experiments

The disposable Cellometer Cell Counting Chambers offer several key advantages:

- Time savings no washing
- No risk of cross-contamination
- Reduced biohazard risk to users
- Controlled sample volume

Specifications

Print directly from the instrument screen. The standard printout displays live, dead, and total cell count and concentration, % viability, and cell images. Select the Auto-Print setting to automatically generate a report for each cell count.

Easily **Save** data and images to a network or USB drive. Activate the Auto-Save feature for data, raw images, and / or counted images. They will automatically be saved to a specified network location or USB drive following analysis of each sample.

Dedicated On-line and On-site Applications Support

Experienced **Nexcelom Technical Support Specialists** are available from 9am to 5pm EST for phone and on-line support and can assist with:

- Creation of new cell types
- Optimization of counting parameters
- Troubleshooting
- Training of new users
- Installation of a new Cellometer Auto 1000 Cell Counter

Reviews

There are yet no reviews for this product.