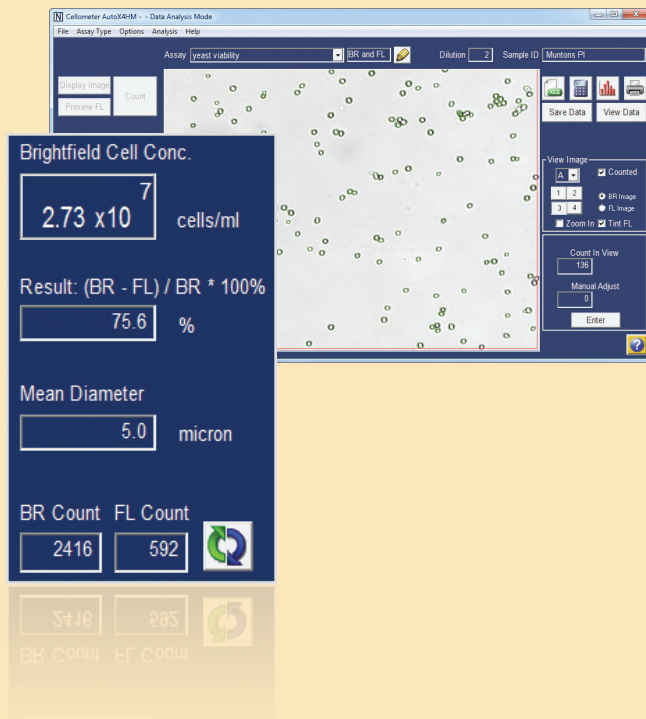


Automated Yeast Counting & Viability for Brewing

Accurate & Efficient Yeast Fermentation Monitoring

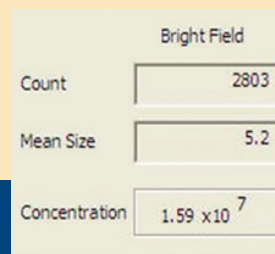


Cellometer Auto X4 for Yeast

- Automatic calculation and recording of yeast concentration and viability in <60 seconds
- Proven performance in large breweries in the US
- Elimination of calculation / recording errors and operator-to-operator variability
- >75% reduction in QC time vs. manual counting

Simplify the QC Process

Pipette Sample. Insert Slide. Get Data.

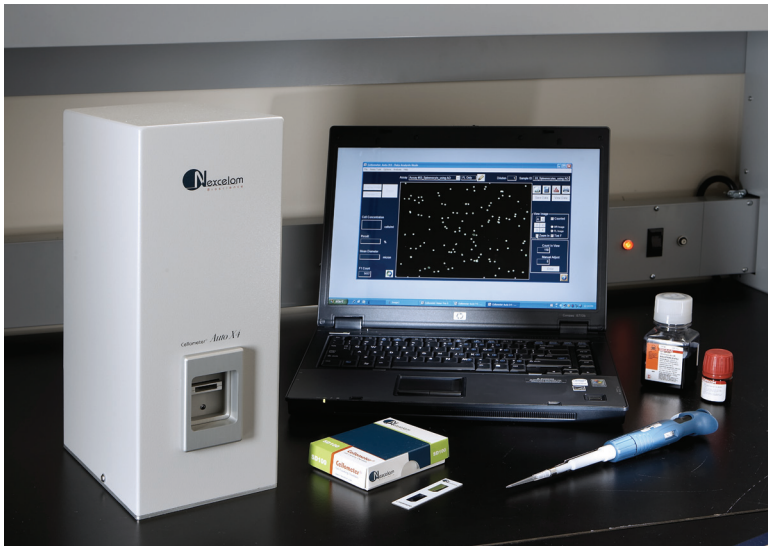


QC with the Auto X4 (10x) Cell Counter is:

- Fast
- Accurate
- Reproducible
- User-friendly

Request a Seminar or On-Site Demonstration

E-mail
info@nexcelom.com
or call 978-327-5340



Features of the Cellometer Auto X4 (10x) Automated Cell Counting System

- Yeast concentration & viability in < 60 seconds
- Optimized for analysis of yeast
- Mean cell diameter and distribution
- Automatic image and data archiving
- Easy-to-Use: minimal training required
- No Maintenance: simply power on
- Disposable counting chambers: no washing
- Optional bar code reader for sample IDs
- Easily integrated into existing work flows



Cellometer® Auto X4 Advantages

Image-Based Analysis: Images are displayed on-screen for visual verification of results. Optimized pattern-recognition software accurately counts cells in clumps. Images, cell counts, cell size, and yeast viability measurements can be automatically saved to the network. Images and data can be exported for further analysis and presentation.

Accurate, Consistent Results: Automated cell counting eliminates the subjectivity, inter-operator and run-to-run inconsistency, and potential errors associated with manual cell counting. Automated cell counting ensures all data is captured completely and accurately.

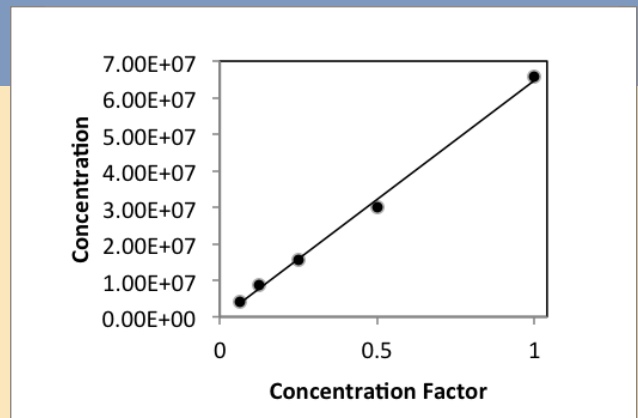


Figure 1. This figure shows the accuracy of the Cellometer Auto X4 (10x) Cell Counter. Cell counts decreased linearly with serial sample dilutions.

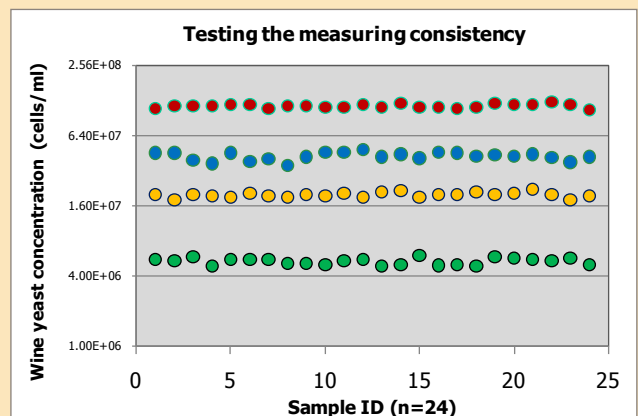


Figure 2. This figure shows the consistency of the Cellometer Auto X4 (10x) Cell Counter. 24 different sample preparations from the same yeast culture were tested at four dilutions. The variation between samples was very low.