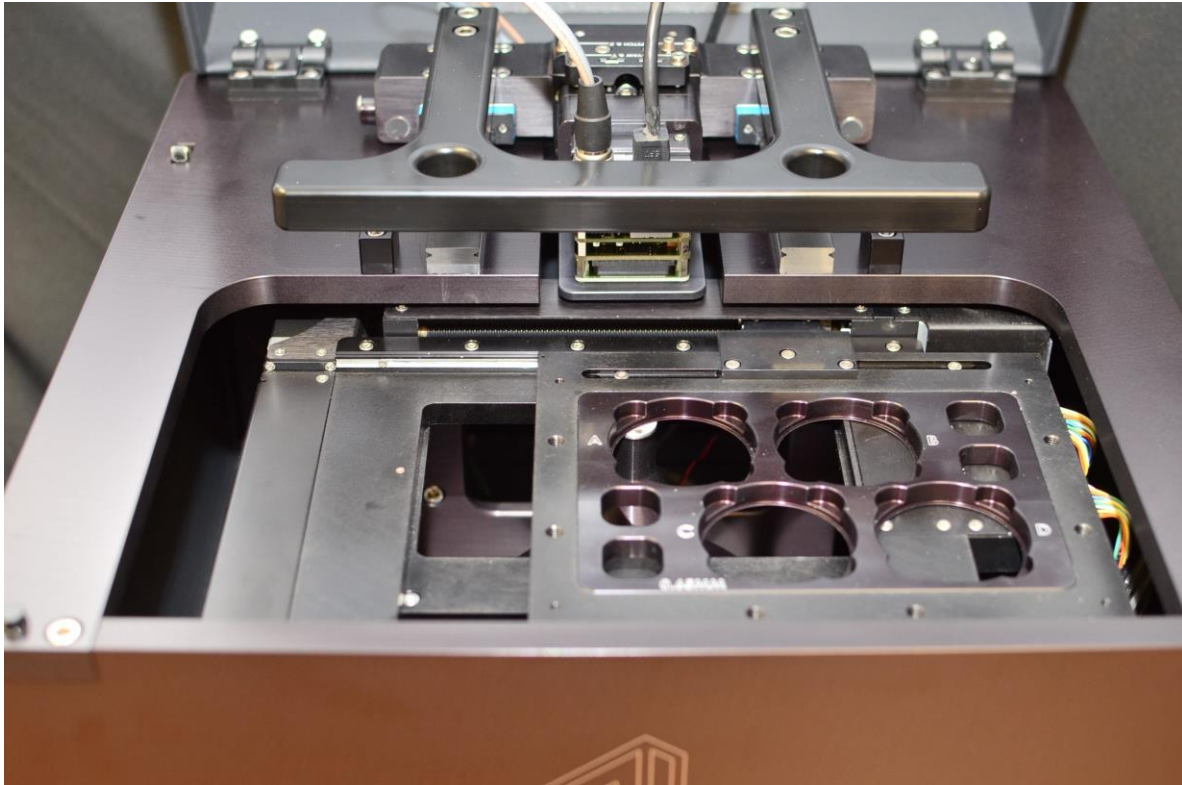




**deep news**  
*the latest developments from  
4Deep inwater imaging*

## **Wine Quality Control**

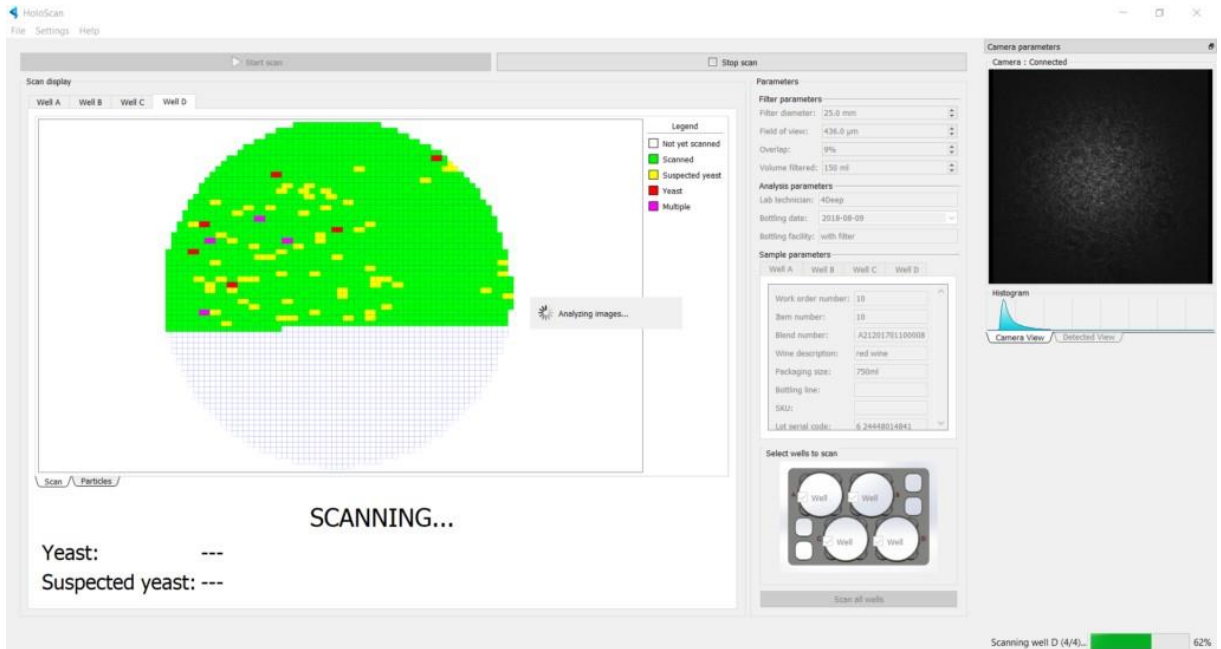


Detecting yeast in the filtered wine is traditionally done with membrane filter plating, incubation, and colony counting. The process is time-consuming, requiring between 3-7 days of filter incubation while wine is being held in the warehouse. In addition, viable but not culturable yeast (VBNC) cannot be detected by filter incubation method, which may lead to a costly product recall.

4Deep pioneered a solution with its FilterScan device that optically scans for yeast on a membrane filter, providing quality assurance data faster than any other method. Using direct filter imaging, it counts every particle on a filter, ensuring accuracy of the quality assurance process.

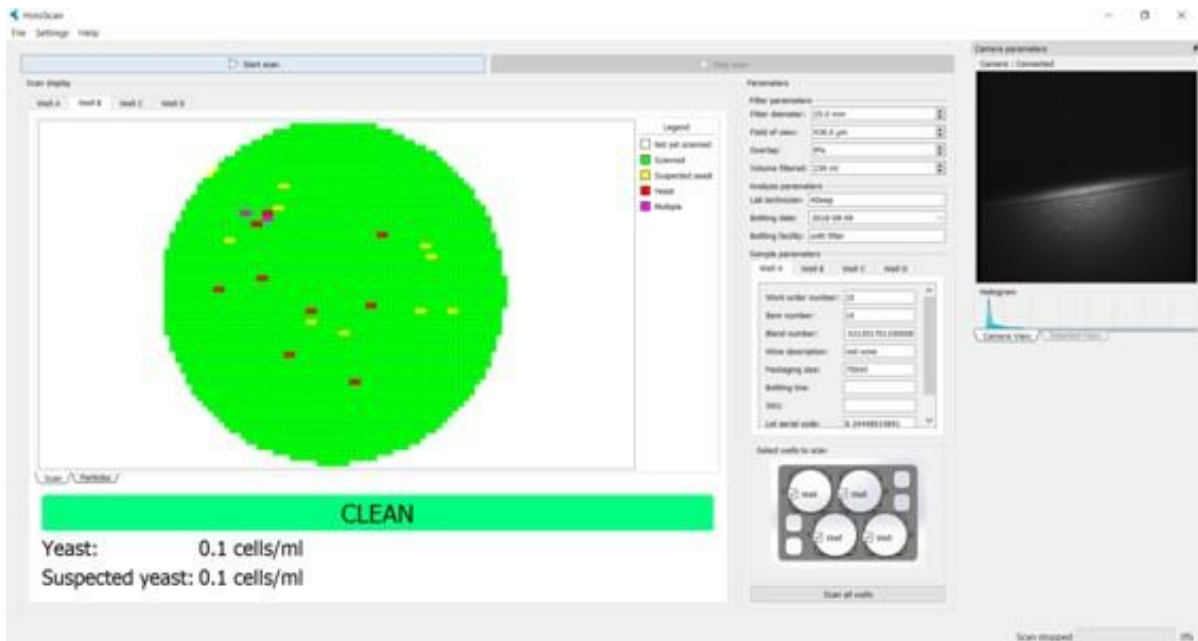
FilterScan eliminates the need for lengthy filter incubation, providing critical results in a matter of minutes, instead of days.

Check out [4-deep.com/filterscan](https://4-deep.com/filterscan) for more details.



## FilterScan In Progress

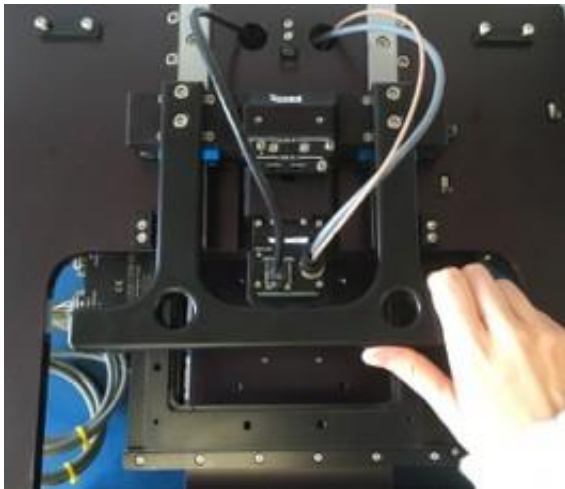
The FilterScan is fast and efficient, with an average analysis time of 15 minutes and produces real time counts (with images) of yeast and budding yeast cells. Up to 4 filters can be scanned automatically, reducing the strain on lab personnel.



## Analysis and Results

The FilterScan generates results after the scan is complete without any assistance or technical skills needed by the operator. The results above show that the wine can be released for consumption saving wineries millions of dollars by drastically cutting down storage costs. Remarkably, this clears uncertainties and boost confidence in wine products creating brand and customer loyalty.

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### Book a demonstration!

Please send an email to [joseph@4-deep.com](mailto:joseph@4-deep.com) to arrange a free demo with your team to better understand the simplicity and precision of the FilterScan together with its revolutionary software.

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