

Third Annual
INNOVATION+QUALITY Awards

Lalvin OKAY (ICV)

Scott Labs

OKAY (ICV) is a low SO₂- and H₂S-producing yeast strain. Low acetaldehyde production. Finished wines should require lower SO₂ levels to be stable. This yeast also completes fermentation in a large range of fermentation conditions.



Padovan Dynamos Cross-flow Filter

ATPGroup

This is a progressive pressure rotary dynamic cross-flow filter for the high quality recovery of filtrate from concentrated lees. It is a cross-flow filter capable of filtering liquids with high solids content, such as juice and wine lees.



PolarSystem Tartaric Stabilization Plant

Della Toffola

The PolarCryo units use refrigeration to achieve a continuous and effective tartaric stabilization along with a stabilization of the coloring compounds in the wine, but do so more quickly and efficiently than a simple chiller-tank.



TankNET PM-4000 Controller

Acrolon Technologies, Inc.

The TankNET PM-4000 is an intuitive touch-screen controller capable of managing complex cellar environments, chiller and boiler equipment and myriad other plant machinery. Housed in a 1/4-DIN panel-mount enclosure, the PM-4000 offers a variety of built-in I/O and unlimited expansion via external modules. It operates stand-alone and easily integrates with TankNET via ethernet or Wi-Fi, for remote management, performance trending and alarm notifications from any web browser, iPhone and Android device.



Check Stab Alpha 2016 iLife

Alpine Scientific, Inc.

The Check Stab Alpha 2016 iLife is an automated instrument for analysis of tartaric stability in wine. It uses 100 ml of a wine sample, automatically dispense KHT when the desired temperature is reached, and displays the results graphically, in percent and micro siemens.



Dualex

Fruition Sciences

Dualex gives winemakers and vineyard managers the data they need to understand a vineyard's level of nutrient uptake. To do this, measurements that utilize a complex light sensor are performed at key reference points in the vineyard and directly onto the vine. Dualex allows vineyard managers and winemakers to: time fertilization when nitrogen uptake is most active; induce/avoid a moderate nitrogen deficit early season; decide if a nitrogen addition (i.e., foliar spray) is needed post-veraison to increase yeast available nitrogen in fruit before harvest; assess the relationship between pruning weight, water use and nitrogen uptake before next pruning season. This means yield formation and leaf area/crop ratio may be manipulated before a major issue occurs. Dualex allows vintners to refine fertilization, disease control and create strategies according to varietal, vintage or site-specific conditions. Once data is collected, readings are instantly pinged back to Fruition Sciences' online dashboard. Data is connected to GIS tracking points in order to extrapolate precise vine leaf area analytics to the vineyard block's exact location.



NomaSense O₂ P6000

Nomacorc

This is a new NomaSense oxygen analyzer from Nomacorc. The NomaSense O₂ P6000 is specifically well-adapted for oxygen measurement in the wine industry and is able to measure oxygen concentration as low as 1 microgram per liter. With its built-in total package oxygen calculator, this analyzer allows wineries to get an easy, accurate check of both dissolved oxygen and headspace oxygen in bottles or Bag-in-Box, permitting an assessment of their bottling line performance at the line. **WBM**

