

David I. Harris

From: Patrick Thompson <pthompson@eco-pas.com>
Sent: Wednesday, February 21, 2018 3:31 PM
To: Michael F. Goldman
Subject: PAS General Design Question

Hi Michael,

You recently asked a two-part question: Is the EcoPAS capture technology, and specifically the PAS-100 system, designed to work for both red and white wine, and for full fermentation cycles?

The answer to both parts of the question is yes. The EcoPAS technology has been developed specifically for capture of winery VOCs without any negative impact on the winemaker's art. And each control system core (smart condenser) is designed to capture ethanol vapor at a wide range of flow conditions. Whether the fermenting wine is red or white does not matter as much as the average daily brix reduction (aka sugar conversion, CO2 production/flow, etc.) In every case, a complete capture system is designed and sized for projected flow conditions based on inputs from the winery regarding total fermenting capacity, projected mix of varietals, turns (how many times per crush season a tank will be used for a new fermentation cycle), average fermentation temperature and duration (by varietal), and other variables which may be unique to a given facility.

So, PAS-100 systems have been designed (and used successfully) for both red and white wine fermentation, and for full fermentation cycles.

Best,

-PT



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*"Pollution is nothing but the resources we are not harvesting. We allow them to disperse because we've been ignorant of their value."
-Buckminster Fuller*