

tersano

Tersano N.A. Tips #131 - Using Test Strips & ORP

Q: How can Tersano SAO be validated on site, in a quick and convenient way? Can SAO be validated similarly with the iClean mini?

A: There are two methods of testing to validate the ozone concentration in SAO solution. They are 1) Test Strips or 2) ORP Meter. Today's TIPS will review the Test Strip Method

It is very important to follow the manufacturer's instructions carefully, as failure to do so will result in inaccurate results (*speaking from experience!*).

[SOP attached here](#)

Basically :

- **Ensure test strip has not expired**
- **Ensure that testing container has been pre-rinsed with SAO solution**
- **Do not exceed 200mL of SAO solution***
- **Gently dip for 5 seconds**
- **Must use newly dispensed SAO solution for each dip test****

With regards to the iClean mini, do not spray SAO directly onto a test strip. This method will "wash off" the chemical treatment from the strip that is intended to react with the SAO solution. You may however collect SAO from several sprays into small, pre-rinsed container for dip testing.

SenSafe Ozone Test Strips are available for purchase on the Tersano Distributor Price List.

** The test strips are chemically treated to react uniquely with the SAO solution. A greater volume of solution will dilute the chemical reaction resulting in an inaccurate colour change.*

*** The ozone in the SAO solution is depleted after each reaction or "dip".*



Remember that if you have any questions of your own, please send them to me at gregv@tersano.com.

Thank you and look for another Q & A next week!

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