

Water Quality Testing Kits

Consolidated's water testing kit and service are designed to assess the quality of feed water to your autoclave and house steam or integrated boiler.

The Dangers of Poor Water Quality

The quality of water you use in your autoclave has a direct impact on its overall performance.

If left unaddressed, contaminants in your water can:

- Void your 10-year pro-rated vessel warranty
- Reduce your autoclave's lifespan by up to 7 years
- Corrode steel throughout your autoclave, causing leaks in your pressure valve
- Contribute to poor steam quality

To avoid these issues, we recommend testing your water quality at least once a year.

Indicators We Test For

- Hardness and silica
- Precipitate sludge
- High pH and alkalinity
- Sodium and chloride
- Ultra-purified feed water

Kit Contents

Whether you order a single or dual bottle kit, each kit comes with:

- Bottles
- Easy-to-follow testing instructions
- A shipping container
- Shipping instructions

Testing Made Easy

Our do-it-yourself testing kits are easy to use. Simply fill up the bottle, follow the shipping instructions, and, in 3 weeks' time, you'll receive an analysis report with a detailed breakdown of your water quality.

Depending on the results of your test, we'll provide tailored recommendations on how to address poor water quality and extend the lifespan of your unit.

Common mitigation methods include:

- Installing a WPS-1200-RO system (for carbon steel boilers)
- WPS-1200-DI system (for stainless steel boilers)
- Generator blowdown
- Nickel-clad chamber construction
- Using a steam filter

Depending on your water quality, an RO (reverse osmosis) or DI (deionization) water treatment system typically pays for itself in as little as 1–3 years, drastically reducing maintenance costs.

Don't let poor water quality stand in the way of autoclave performance!

[Order Your Kit](#)