

phase2 Water Purifier for the laboratory

Why isn't your lab saving money with a better pure water system?



Here's the bad news: your laboratory water purification system is wasting money! Your distiller, deionizer, filter or reverse osmosis system is a culprit.

Your system could be energy inefficient, wasteful of water, or ever-hungry for consumables and replacement filters. Unfortunately, these needs may be costing your laboratory thousands of dollars every year. What's more, the purity of your lab water may become inconsistent and variable as filters and cartridges are depleted.

Here's the good news: *phase2* is here to help. Using the technology of large water purification systems, *phase2* brings efficiency to a smaller scale - to your laboratory. Your benefits? Reduced costs and consistent high purity water. Imagine your laboratory saving thousands of dollars every year. You can do it! Go on, we'll help you make the change...

Consistent and reliable water quality.

Filters, reverse osmosis membranes and deionizers deliver variable, degrading water purity as time goes on. They become clogged or weakened, or worse, bacteria colonies can begin to grow on the filter media.

You avoid these hassles with the vacuum distillation technology of *phase2*, because distillation physically separates pure water from contaminants. With consistent high purity water, your laboratory processes and test results can be more accurate.

Cost-efficiency saves money.

Normal distillers guzzle thousands of \$ worth of electricity and water each year. Deionizers, filters and reverse osmosis systems chew up money with expensive cartridges and membranes continually needing replacement.

phase2 uses just 14% of the electricity needed by a normal distillation system, and wastes 90% less water. It's thanks to the unique, built-in energy recycling system. *phase2* also cuts through consumables and maintenance costs while extending lifespan using just a few inexpensive preventive filters.

Reliability and low maintenance.

You can count on *phase2*: it's built to last a lifetime, with a robust and durable design that sets it above the rest. Every unit must pass high quality standards, and is progressively tested during manufacture. A comprehensive, extended operational test is also carried out and must be passed flawlessly before each Australian-made unit is shipped.

phase2 follows a proven track record, with years of experience in the field. Almost no maintenance is required – *phase2* uses just a few inexpensive 'preventive' filters to protect the system, giving you peace of mind.

Where would you use *phase2*?

- Rinse water for washing and cleaning
- Dishwasher & autoclave feedwater
- Contaminant & catalyst recovery
- Reagent makeup & dilution
- Ultra-pure system feedwater
- Sample analysis & testing
- Wastewater concentration
- Glassware washing
- Media preparation
- Oil separation
- Other laboratory processes

More advantages of *phase2*.

- ✓ Easy PNP installation: Just plug it in, prime the tanks, and switch on.
- ✓ Walk away and forget about it. Automatic control takes care of itself - 24/7, 365.
- ✓ No accessories, pumps, or tanks to buy: all-in-one and self-contained.
- ✓ Modular system gives you a growth path with increased capacity is needed.

Extra reassurance.

- ✓ Strong, durable and lightweight. Aluminium frame & BHP Colorbond construction.
- ✓ Instant help always available. Lifetime phone or email support.
- ✓ Peace of mind. One year manufacturers warranty.

Case studies from the real world.

phase2 technology has done away with the expensive deionizing columns at a Norske Skog paper mill laboratory. Norske Skog says our system gives them "high quality purified water with minimal maintenance". This lab has saved over A\$7,000 each year by making the change. *phase2* pure water is fed to the laboratory dishwasher, water faucets, and an existing Milli-Q high purity system.

Other case studies include the labs of Sanitarium Health Foods and Pasminco, who also enjoy the benefits of extraordinary cost-savings and consistent water quality delivered by our systems. Go on, you can too...

Find out more...

For information on the *phase2* water purifier, or to discuss your needs, contact H2AU directly:

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