



## AquaVial Quick Check - Dental Unit Waterline test

### FAQ

**Q: *What should I test?***

A: Water samples should be taken from water sources used during patient treatment: handpieces, air/water syringes, ultrasonic and/or piezo scalers, and the cuspidor cupfill.

**Q: *When should I test?***

A: Water testing should be done at the beginning of the day; after the waterlines have been flushed and the handpieces, air/water syringes, and scalers have been reattached, as per manufacturer's instructions

**Q: *How often should I test my DUWL's water quality?***

A: Quarterly

- Quarterly testing from at least one line/source from each bottle, for example the air/water syringe.
- Do not always test the same line/source. All lines/sources should be tested at least once a year.
- Test the cup fill cuspidor cupfill quarterly.

Monthly

- During the warmest quarter of the year, test a line/source monthly, instead of once quarterly. In addition, test the cuspidor cupfill monthly.

Not all Manufacturers of DUWL delivery systems have written MIFU's for maintaining clean water. In accordance with CDC recommendations, AquaVial Quick Check recommends testing once per month for 3 consecutive months. If a pass is achieved in each month then quarterly testing is recommended thereafter.

**Q: *How long does it take to perform a water test?***

A: AquaVial™ Quick Check does not require incubation and takes between 15 and 30 minutes at room temperature, depending on the level of contamination. If the water is highly contaminated, the change in colour is visible within 15 minutes.

**Q: How are test results interpreted with Aquavial Quick Check?**

A: AquaVial™ Quick Check offers a colour read out.

- Pink = CLEAN = less than 500 CFU's / mL of water.
- Purple = CONTAMINATED between 500 and 2000CFU's / mL of water
- Clear= HIGHLY CONTAMINATED over 2000 CFU's / mL of water.

**Q: How much test water do I add to the test vial (pink reagent) from the syringe?**

A: Add 1 ml of water to the existing pink solution. The vial is clearly graded.

**Q: What do I do if it turns purple / clear?**

A: Refer to MIFU.

Options will vary but may include:

- Retesting - Ensuring that lines are run for 2 -3 minutes before taking water sample
- Shock Treatment
- Replacement of water lines and implementation of maintenance system (eg. DentaPure). Testing of water lines should occur prior to any maintenance system as they are designed to maintain existing clean lines only.

**Q: Which lines do I have to test?**

A: All DUWL's. Air / water syringes, high speed handpieces, cavitron, etc. Anywhere that potentially introduces water into the patient's mouth should be tested. Start with the least used line.

**Q: Can I take samples from all the lines and do one test?**

A: No. Community tests fail to identify clean from contaminated lines.

**Q: Should I record the results of my test?**

A: Yes. Record the operatory, waterline, date and validate with the clinician's initials.