

## Why Rinsing Your Parts is Important

### Session Questions and Answers

**Q: Do ultrasonic machines help in the rinse stage?**

**A:** Absolutely. We want to make our rinsing as efficient as possible so any mechanical energy we can use in our rinse will definitely help.

**Q: Should I use RO or DI water?**

**A:** You can use RO water, DI water, or even tap water based on the cleaning requirement you need to meet. However, keep in mind that better quality water means the cost will go up.

**Q: Does it help to heat the rinse?**

**A:** Yes, usually it helps not only with the rinsing, but also the drying stage as the hot rinse will elevate the temperature of the parts making them easier to dry later.

**Q: How can I control the quality of my rinse water?**

**A:** There are different ways to do it. It all depends on what you have available and the requirements that you need to keep your process under control. Depending on that along with the type of residues that you are handling from the previous stage into your rinse, you might be able to use sophisticated testing such as refractive index or conductivity testing to help.

**Q: Can rinsing cause corrosion of parts?**

**A:** Depending on the material that the parts are made of, yes. Any water could cause flash rust or other types of corrosion but there are many additives and many ways to prevent that. You can add a corrosion inhibitor or corrosion protectant to your rinse to prevent any flash corrosion.