

# Glassware Cleaners

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The leading manufacturer of cleaning and cleanliness testing products.

## The Dirty Secret Some Cleaner Companies Don't Want You to Know...

In the world of defluxing equipment, there are two types of machines. There are defluxing machines that are designed and manufactured from the ground-up to remove flux from post-reflow circuit assemblies and there are modified dishwashers/glassware washers. The question is what is best for your application?

The removal of flux and other associated residues from post reflow circuit assemblies requires attention to many factors. The hallmarks of an effective defluxing system include small penetrable water droplet size, wide diffusion stainless steel nozzles, liquid chemical dosing, wash solution reuse, fluid segregation, defluxing chemistry material compatibility, ionic contamination detection (cleanliness control), convection and radiant drying capability, and statistical process control (SPC) data logging (to name a few). While these attributes are commonly associated with defluxing equipment (such as Trident), they are not commonly associated with dishwashers/glassware washers.

What some of our competitors don't want you to know is that their products are purchased from dishwasher manufacturers. These modified dishwashers / glassware washers can lack some or all of the features outlined above. Are these products compatible with the defluxing chemistry? Do they provide adequate under-component penetration/impingement? Are they equipped with built-in cleanliness testing capabilities? Do they provide detailed SPC data logging? If not, chances are, you're looking at a dishwasher, not a defluxer.

Aqueous Technologies' Trident, on the other hand, is a defluxing machine. It was designed and manufactured for that specific application. The Trident Series automatic defluxing and cleanliness testing system is the electronic manufacturing industry's most popular automatic defluxing system. With more than 2,600 customers across six continents, Aqueous Technologies' products are considered "Best In Class". What's more, Aqueous Technologies' products are both peer reviewed and peer respected, winning 32 major industry awards since 2004 (Trident has won 8 major industry awards just in the last two years). Our customers include Raytheon, Northrup Grumman, Lockheed, US Navy, US Army, NASA, Alcon Surgical, St. Jude Medical, General Dynamics, Plexus, Jabil, Flextronics, and many more well know leading assemblers.

### Choose Trident and leave your dishwasher at home!

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