



## AQUEOUS TECHNOLOGIES CORPORATION

9055 Rancho Park Court, Rancho Cucamonga, CA 91730

Phone: 909.944.7771 • Fax: 909.944.7775 • [www.aqueoustech.com](http://www.aqueoustech.com)

### FOR IMMEDIATE RELEASE

## Aqueous Technologies to Premier the Trident Automatic Defluxing System at NEPCON China 2008

**Rancho Cucamonga, CA — March 11, 2008** — Aqueous Technologies Corp. announces that it will introduce the Trident, its fourth-generation automatic defluxing system, in distributor Shanghai Jamron Electronic Engineering booth number 2E02 at the upcoming NEPCON China/EMT China 2008 exhibition and conference - scheduled to take place April 8-11, 2008 in Shanghai, PR China.

Michael Konrad, Aqueous Technologies' president and CEO, said, "Trident represents a culmination of more than 20 years of batch-format defluxing equipment experience."

Trident automatic defluxing system is reportedly the fastest batch-format defluxing system available. Trident's specific throughput rate is determined by board size. The system is capable of defluxing and cleanliness testing up to 200 4 x 6" (101 x 152 mm) boards and up to 28 18 x 20" (457 x 508 mm) boards per hour.

Konrad states, "Trident is the most flexible defluxing system available today." The system offers several defluxing configurations designed to provide complete compatibility with all defluxing requirements. Trident's defluxing process consists of up to five cycles including prewash, wash, rinse, cleanliness testing and drying. Prewash, if selected, may consist of a steam soak, high-pressure DI water spray, or chemical spray and soak. The wash cycle uses environmentally responsible defluxing solutions, neutralizing and solublizing flux and other residues. The rinse cycle is controlled by the built-in cleanliness tester in which rinse cycles are added or subtracted from the process automatically, based on the user's selected cleanliness requirements. The dry cycle uses a unique combination of radiant and convection heat for rapid, thorough drying.

Trident is equipped with an automatic chemical management system that automatically measures and doses concentrated defluxing chemicals into the wash-solution recirculation system. The wash solution is captured and reused, eliminating routine chemical discharge. Level gauges indicate the available levels of wash solution and concentrated chemical.

Trident is equipped with a unique inverse-mounted vertically oriented spray pump that virtually eliminates pump-caused dragout, lowering the volume of defluxing chemistry consumption and associated costs. Built-in statistical process control (SPC) data capturing technology allows users to view historical SPC data, including actual cleanliness results, both at the machine and remotely from other network-connected PCs.

Trident's stainless steel plumbing and EPDM pump seals provide full compatibility with a variety of environmentally responsible, operator-safe defluxing chemicals.

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