

AquaTherm™

Batch Cleaning System

*With Revolutionary AquaFlex
Cleaning Technology . . .*

- AQUEOUS
- AQUEOUS with RINSE AID/DEFOAMER
- AQUEOUS with CHEMISTRY
- AQUEOUS with STEAM ENHANCEMENT

- Multiple Cleaning Technologies for Process Flexibility
- Versatile - Removes Ionic, Particulate, and Organic Residue
- Rinses to Programmable Ionic Level
- Energy and Space Efficient
- Low Cost of Ownership
- High Wash Temperature with Steam Cycle Capability
- Cleans with Water or Aqueous-Compatible Chemistries
- User-Friendly Operator Interface



The **AquaTherm**, from **Austin American Technology**, introduces a new era to batch cleaning. Forget the limitations of the past and experience a batch system that offers multiple cleaning technologies for capability previously unachieved in a compact footprint. In addition to aqueous and aqueous chemistry-based cleaning, the innovative **AquaTherm** supports process temperature ranges from ambient to 200°F and adds the power of steam. When selected, the onboard steam generator produces hot water vapor to penetrate and soften tough, baked-on flux and paste residue so the standard wash cycle can effectively complete the cleaning process. An intuitive user interface allows the operator to select the type and duration of wash, number of rinse cycles, and duration of the forced-air dry cycle. Ideal for printed circuit boards, semiconductors, subassemblies and process tooling, the **AquaTherm** brings flexible, unparalleled cleaning performance to the batch process.

AquaTherm™ Batch Cleaning System

FEATURES

- AquaFlex cleaning technology
- Onboard steam generator
- Top, middle and bottom coherent jet nozzles
- Forced-air, HEPA drying system
- Mirror-bright Type 304 stainless steel interior
- Easily configured top and bottom racks
- Electronic controls with user-friendly interface
- Quiet operation
- Designed for efficiency

BENEFITS

- Ability to tailor the wash to optimize the process
- Steam can penetrate and soften baked-on residues
- Eliminates "blind" areas when fully loaded
- Suitable for microcircuitry and semiconductors
- Durability and chemical resistance
- Accommodates a wide range of product sizes and shapes
- Easy to learn, easy to use
- Operator friendly, suitable for laboratory environment
- Saves energy, minimal space requirement

AquaFlex Cleaning Technology

Key success factors in cleaning are time and temperature. AquaTherm's high temperature wash capability (up to 200° F) combined with user-selectable wash cycle time, provide flexibility to optimize the cleaning process for virtually any application. In addition, AquaFlex cleaning offers multiple wash capabilities, including water only; water with rinse aid, neutralizer (to reduce wash alkalinity) or defoamer; water with aqueous-compatible wash chemistry; and wash with steam capability. AquaTherm's unique on-board steam generator provides enhanced cleaning by softening and penetrating tough residues. Excellent spray coverage is achieved via top, middle and bottom coherent jet nozzles. Rinse parameters are also user-adjustable. The HEPA-filtered, forced-air dry cycle makes the AquaTherm suitable for precision applications, such as microcircuitry and semiconductor cleaning.

Durable Construction

The AquaTherm is engineered from the ground up to be a precision cleaning system, not just a fancy dishwasher. Its mirror-bright, 304 stainless interior and rugged construction set it apart from the competition.

User-Friendly Design

AquaTherm's flexibility doesn't translate into complexity. An intuitive touchpad driven by an electronic controller provides an easy-to-learn, easy-to-use operator interface. A viewing window and interior lighting facilitate process monitoring.

Cost Effective

The AquaTherm is energy-efficient and has very low water usage. Electrical service is 220 VAC, 1 Ph, 50/60 Hz.



Height-Adjustable Racks



Optional Computer with Statistical Process Control



Easy Access to Consumables