



CLEANING PLATFORM:

AQUATHERM™

**AQUEOUS BATCH
CLEANING SYSTEM**

SOLVENT TYPE:

WATER AND SEMI-AQUEOUS CLEANING SOLVENTS

SYSTEM CAPABILITIES:

✓ MEET THE NEW HOT GENERATION

The AquaTherm™ has been designed from the beginning stages to handle high temperature cleaning applications. With the operating temperature of 93C (199F) it is now possible to clean under low-stand off components without shadowing.

✓ HEPA FILTRATION

System features HEPA filtration allowing for no-particle re-contamination, providing a cleaner board, and preventing dust and airborne contaminants from affecting the components.

✓ LOW OPERATING COST

The system utilizes little physical space, uses less power, and cleans faster. Translating into lower operating costs, when compared to our competitors.

✓ PROCESS INTEGRITY

The system features a conductivity probe, allowing the operator to rinse the components to a pre-programmed cleanliness level for all components processed. Providing feedback to the operator with a Pass/Fail. Further the system features a RS-232C port which allows for full process feedback, allowing for facility integration.

AQUATHERM™ 9100

OPEN LOOP WASH
OPEN LOOP RINSE

- ✓ CHEMISTRY / WATER CLEANING
- ✓ CHEMICAL METERING
- ✓ HIGH TEMPERATURE OPERATION
- ✓ STEAM GENERATOR
- ✓ WATER/CHEMISTRY CAPABLE
- ✓ RINSE CLEANLINESS VERIFICATION
- ✓ 12 PROGRAMMABLE RECIPE
- ✓ 208-230VAC, 1PH, 50/60HZ

★ AQUASAVER 9100 OPTION
CLOSED LOOP WASH & RINSE

AQUATHERM™ 9200

CLOSED LOOP WASH
OPEN LOOP RINSE

- CHEMISTRY / WATER CLEANING
- AUTO FILL & DRAIN
- RINSE AID METERING
- DE-FOAMER METERING
- HEPA FILTRATION
- HIGH TEMPERATURE OPERATION
- STEAM GENERATOR
- WATER/CHEMISTRY CAPABLE
- RINSE CLEANLINESS VERIFICATION
- 12 PROGRAMMABLE RECIPE
- HEATED HOLDING TANK
- 208-230VAC, 1PH, 50/60HZ

★ AQUASAVER 9200 OPTION
CLOSED LOOP RINSE

AQUATHERM™ 9600

CLOSED LOOP WASH
CLOSED LOOP RINSE

- WATER ONLY CLEANING.
- RINSE AID METERING
- DE-FOAMER METERING
- HEPA FILTRATION
- HIGH TEMPERATURE OPERATION
- STEAM GENERATOR
- WATER/CHEMISTRY CAPABLE
- RINSE CLEANLINESS VERIFICATION
- 12 PROGRAMMABLE RECIPE
- HEATED HOLDING TANK
- PRE-PLUMBED FOR DI WATER GENERATION (IAC)
- 208-230VAC, 1PH, 50/60HZ

SYSTEM BENEFITS

- ✓ SUPERIOR CLEANING PERFORMANCE
- ✓ STEAM CAN PENETRATE AND SOFTEN BAKED-ON RESIDUES
- ✓ ELIMINATED "BLIND" AREAS WHEN FULLY LOADED
- ✓ SUITABLE FOR MICROCIRCUITRY AND SEMICONDUCTOR
- ✓ BUILT FOR DURABILITY AND CHEMICAL RESISTANCE
- ✓ ACCOMMODATES A WIDE RANGE OF PRODUCT SIZES AND SHAPES
- ✓ EASY TO LEARN
- ✓ EASY TO OPERATE
- ✓ SAVES ENERGY, MINIMAL SPACE REQUIREMENT

STANDARD FEATURES

- ✓ AQUAFLEX CLEANING CONTROL
- ✓ ON-BOARD STEAM GENERATION
- ✓ 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
- ✓ PROCESS VIEWING WINDOW
- ✓ INTERNAL LIGHTING

VISIT US ONLINE!

FIND OUT MORE ABOUT THE **AQUATHERM™** ON THE AUSTIN AMERICAN TECHNOLOGY WEBSITE AND READ THE RESEARCH WHICH SETS US APART FROM THE REST.

www.aat-corp.com/products/aquatherm

| MODEL | | AQUATHERM™ 9100 | AQUATHERM™ 9200 | AQUATHERM™ 9600 |
|------------------------|------------------------------------|--|--|--------------------|
| DESCRIPTION / FEATURES | | WATER NF WATER MIXTURES SAPONIFIERS EMULSIONS | WATER NF WATER MIXTURES SAPONIFIERS EMULSIONS | WATER ONLY |
| Construction | Stainless Steel Construction | ✓ | ✓ | ✓ |
| | Heated Process Chamber | ✓ | ✓ | ✓ |
| | Modular Coherent Jet Manifolds | ✓ | ✓ | ✓ |
| | Dedicated Wash Pump | ✓ | ✓ | ✓ |
| | Window with Interior Lights | ✓ | ✓ | ✓ |
| Controls | System Controller | Micro-controller | Micro-controller | Micro-controller |
| | User Interface | 4" LCD & Touchpad | 4" LCD & Touchpad | 4" LCD & Touchpad |
| | Data Logging Facility | × | RS-232 | RS-232 |
| | Programmable Steam Cycle | ✓ | ✓ | ✓ |
| | Independent Recipes | 12 | 12 | 12 |
| Wash | Maximum Operating Temperature | 199°F (93°C) | 199°F (93°C) | 199°F (93°C) |
| | Chemical Metering Pump | ✓ | ✓ | × |
| | Heated Holding Tank | Optional | ✓ | ✓ |
| | Holding Tank Recirculation Pump | | ✓ | ✓ |
| | Holding Tank Capacity | | 7.4 Gallon | 7.4 Gallon |
| | Chemical Sump Tank Capacity | × | × | × |
| Rinse | Rinse Aid Metering Pump | × | ✓ | ✓ |
| | De-Foamer Metering Pump | × | ✓ | ✓ |
| | IAC Plumbing | × | × | ✓ |
| | Conductivity Probe | ✓ | ✓ | ✓ |
| | Programmable Rinse to Resistivity | 1 - 500µS | 1 - 500µS | 1 - 500µS |
| | Maximum Operating Temperature | 199°F (93°C) | 199°F (93°C) | 199°F (93°C) |
| Dry | Heated Forced Air Drying | ✓ | ✓ | ✓ |
| | HEPA Filtration | × | ✓ | ✓ |
| | Maximum Operating Temperature | 158°F (73°C) | 158°F (73°C) | 158°F (73°C) |
| Options | External Evaporator (No Discharge) | Optional | Optional | Optional |