

Automated Cabinet Style Passivation Systems

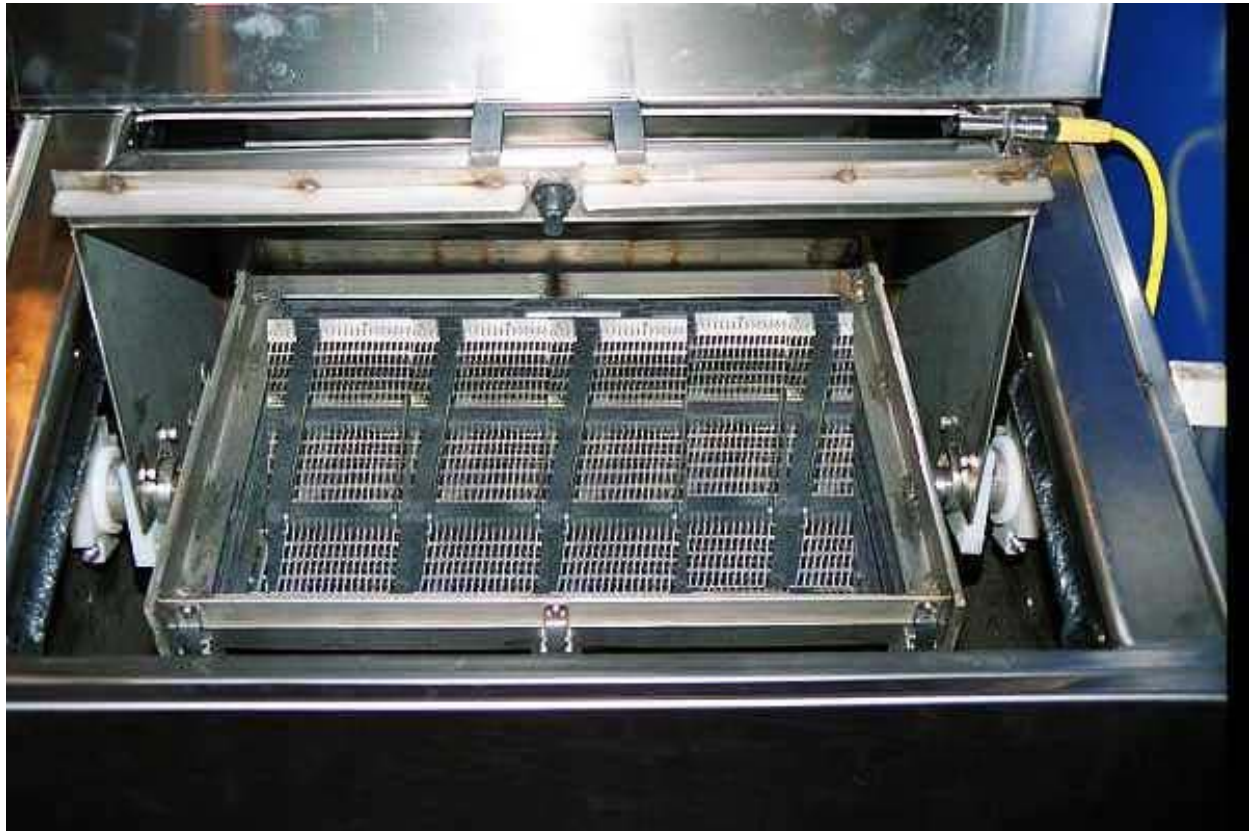


UNATTENDED PROCESSING

Aqualogics' passivation module provides a compact self contained system for nitric or citric passivation of stainless steel, cobalt alloys and titanium alloys. Parts are cleaned, passivated and dried with appropriate rinsing within a single chamber. PLC controls program process times, temperatures, and sequences for consistent results. The operator simply loads the parts in the basket, chooses the desired cycle, and presses the start button. At the completion of the cycle the machine signals the operator. All process solutions are contained within the module eliminating the mess associated with open tank processing.

Automated Processing Benefits For Nitric or Citric Acid Passivation

- **Flexibility: Multiple Processes and Sequences**
- **Consistent Passivation Results**
- **Un-Attended Processing**
- **Increased Productivity**
- **Maintain Quality Standards**
- **Process Traceability**



Basket shown in processing chamber

Standard Features

- PLC Control
- Self-diagnostics and alarms
- Electric solution heat
- Static load/unload station(s)
- Preventive maintenance prompts
- Variable process times
- 480V/60hz/3ph power
- Variable Solution Temperature
- Stainless Steel Construction
- Solution Agitation
- Bag Filter Housing
- Low liquid level safety shut-off
- Tank fume extraction

Optional Features

- Process monitoring and control
- Ultrasonic Agitation
- Baskets, fixtures, racks
- Oil/water separation
- Solution turbulence
- Water conservation
- Gas or Steam heat
- Auto-chemical replenishment
- Bar code part entry
- Microfiltration
- Acid recovery
- Installation services
- Wastewater Treatment

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