



## TITANIUM ANODIZING SYSTEM CONSOLES



by *IPEC Global, Inc.*

### Complete Pre-Packaged System Including:

- Soak Cleaner Tank
- PVC-Lined Etch Tank
- Anodizing Tank
- Warm Water Rinse Tank
- Switchmode DC Power Supply with Automatic Ramp
- Solution Agitation Pumps
- Electric Immersion Heaters with Digital Thermostat Controls & Low-Level Shutoff
- Built-In Ventilation, Air Agitation, Push-Air, Inlets and Drains
- Electrified saddles and fully-integrated DC system for anodize tank

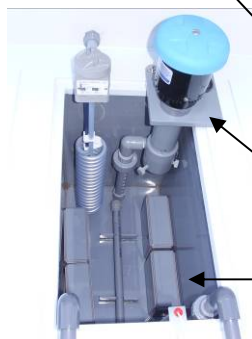
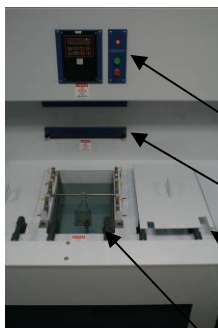
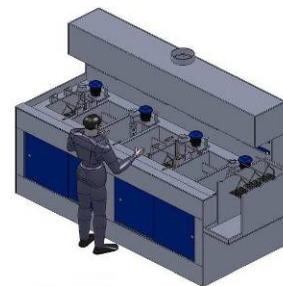
## STANDARD FEATURES

- 12" DOT x 18" CDOT x 20" DEEP TANKS, WITH A USABLE WORK-ENVELOPE OF 8" X 12" X 12" DEEP
- UP TO 10 POUNDS PER HOUR OF THROUGHPUT FOR TYPE III (MULTI-COLORED FINISH)
- ALL-POLYPROPELENE CONSOLE AND TANKS TO MAXIMIZE CORROSION RESISTANCE AND SYSTEM LIFESPAN
- RINSE TANKS CONFIGURED AS STAGNANT OR FLOWING RINSES
- ELECTRICAL COMPONENTS LOCATED INSIDE ISOLATED, COVERED POLYPRO CAVITIES TO HELP PREVENT CORROSION
- UNIT REQUIRES LESS THAN 80 AMPS OF THREE PHASE 208VAC POWER (4-WIRE). OTHER VOLTAGES AVAILABLE
- PLUMBING UTILIZES ALL SCHEDULE 80 PVC AND USING TRUE-UNION VALVES FOR MAXIMUM PERFORMANCE & RELIABILITY
- SYSTEMS ARE FULLY INTEGRATED, SKID MOUNTED UNITS, READY TO CONNECT, FILL AND OPERATE.

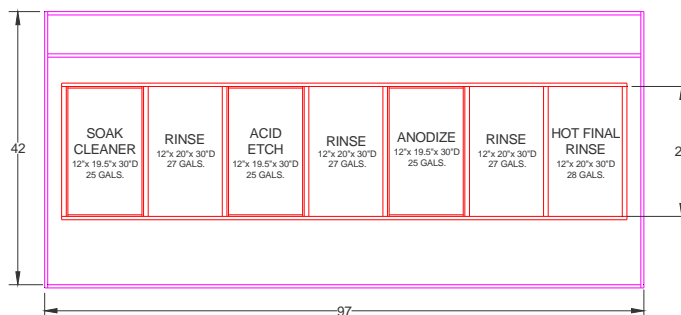
### OFFICES IN CALIFORNIA AND THE PACIFIC NORTHWEST

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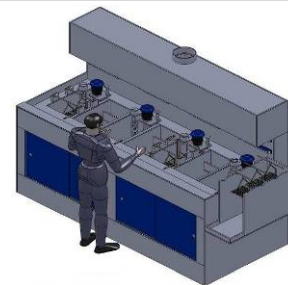
## 8' TITANIUM ANODIZING CONSOLE SYSTEM WITHOUT DRYER STATION



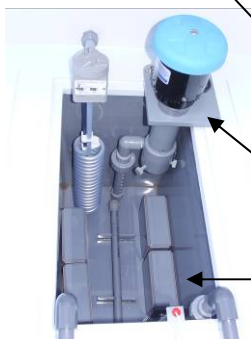
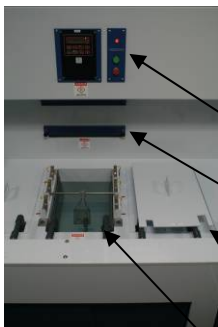
- ✚ Standard 7-station Anodizing Module with approximate outside dimensions of 97" x 42" x 69" tall (at least 2' of clearance is required in front, back and on one side).
- ✚ Individual controls located at each station.
- ✚ Adjustable exhaust vent slots at each heated tank.
- ✚ Optional covers to keep tank contents clean when not in use.
- ✚ Approx. 600 cfm exhaust volume required with 65 cfm low-pressure air for push-air and air agitation.
- ✚ Integrated Plumbing, Vent Plenum, Low Pressure Air Manifolds, DC connections, etc.
- ✚ Pumps provide solution agitation and low-pressure manifold provides air-agitation spargers to help assure consistent mixing and more uniform heating for tighter process control.
- ✚ All electrical, plumbing lines and utility connections terminate at one end of the console for easy, single utility-point-of-connection. This allows most of our customers to install the system themselves, saving a lot of time and money.



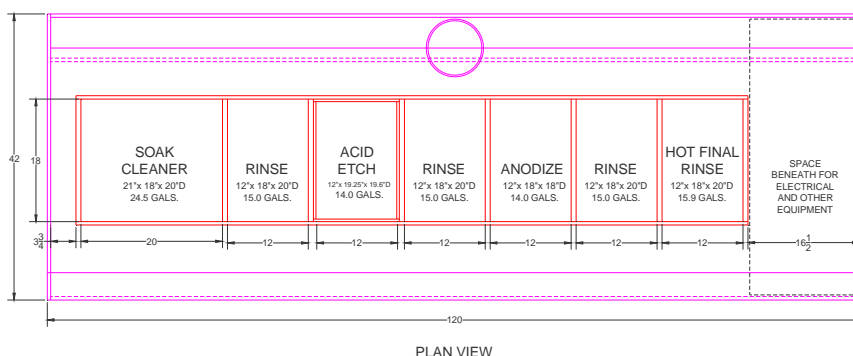
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## 10' TITANIUM ANODIZING CONSOLE SYSTEM WITH DRYING STATION

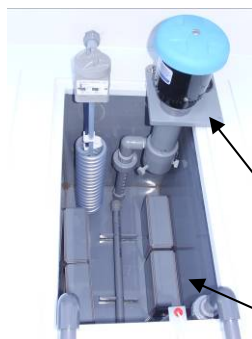
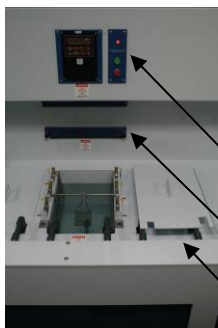
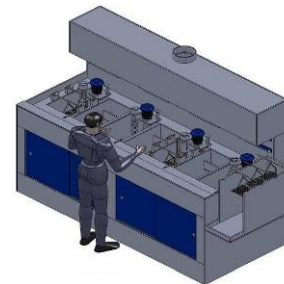


- ✚ Standard 7-station Anodizing Module with approximate outside dimensions of 120" x 42" x 69" tall (at least 2' of clearance is required in front, back and on one side).
- ✚ Individual controls located at each station.
- ✚ Adjustable exhaust vent slots at each heated tank.
- ✚ Optional covers to keep tank contents clean when not in use.
- ✚ Approx. 600 cfm exhaust volume required with 65 cfm low-pressure air for push-air and air agitation.
- ✚ Integrated Plumbing, Vent Plenum, Low Pressure Air Manifolds, DC connections, etc.
- ✚ Pumps provide solution agitation and low-pressure manifold provides air-agitation spargers to help assure consistent mixing and more uniform heating for tighter process control.
- ✚ All electrical, plumbing lines and utility connections terminate at one end of the console for easy, single utility-point-of-connection. This allows most of our customers to install the system themselves, saving a lot of time and money.

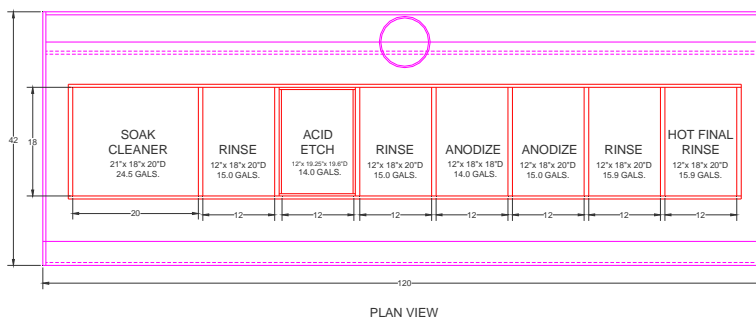


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## 10' TITANIUM ANODIZING CONSOLE SYSTEM WITH SEPARATE DOUBLE ANODIZE TANKS



- ✚ Standard 8-station Anodizing Module with approximate outside dimensions of 120" x 42" x 69" tall (at least 2' of clearance is required in front, back and on one side).
- ✚ Two independent, separate anodizing tanks for two different electrolytic solutions, which share a common DC rectifier.
- ✚ Individual controls located at each station.
- ✚ Adjustable exhaust vent slots at each heated tank.
- ✚ Optional covers to keep tank contents clean when not in use.
- ✚ Approx. 700 cfm exhaust volume required with 80 cfm low-pressure air for push-air and air agitation.
- ✚ Integrated Plumbing, Vent Plenum, Low Pressure Air Manifolds, DC connections, etc.
- ✚ Pumps provide solution agitation and low-pressure manifold provides air-agitation spargers to help assure consistent mixing and more uniform heating for tighter process control.
- ✚ All electrical, plumbing lines and utility connections terminate at one end of the console for easy, single utility-point-of-connection. This allows most of our customers to install the system themselves, saving a lot of time and money.



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