SERV·I·QUIP, INC.

AccuFill Coolant Fill

The AccuFill Coolant Fill System is a full featured, PLC controlled system capable of;

- **Mixing and storing multiple coolant supplies**
- **Leak testing and filling a coolant system**
- **Filling an overfill bottle**
- **Level adjusting to the proper final level**

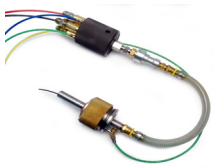
These systems are currently used on a variety of vehicle assembly lines, including motorcycle, farm equipment, construction vehicle, truck, and high speed car lines.

Our testing and fill process ensures a consistent quality check, an accurate and complete system fill, and reduced takt times. With an automated cycle, fill rates up to 6 gpm, and a process that eliminates top-off, cycle times can be substantially reduced. Stainless steel density measuring flow meters, individual scavange pumps with self purging traps, autoclamping, and dripless tooling are some of the standard, high quality features in our systems.

These systems are available with mix or premix supply, pressure or volume fill, radiator and overfill bottle fill, and equipped with high capacity vacuum pumps, individual scavenge lines, and custom, dripless tooling. System control and process configuration are handled by a PLC linked to a Touchscreen Operator Interface. These systems can be configured as stop stations, mobile stations, or track mounted with VFD motors.


AccuFill Coolant Fill Base Station


Autoclamping, Internal Sealing Coolant Fill Tool


Autoclamping, Internal Sealing Coolant Fill Tool

Product Detail

STANDARD FEATURES:

- Automatic process set-up, initiation, cycle completion, and return to standby
- Separate coolant mix and storage tanks
- Temperature compensating, density measuring flow meters for mixing
- Scavange pump with trap for level adjust and tool drip elimination
- Allen Bradley, Mitsubishi, or other PLC control
- Allen Bradley Panelview®, GOT or other Touchscreen Operator Interface
- NFPA 70E Arc Flash compliant
- Auto clamp/unclamp pneumatic tooling
- Pressure or volume fill
- Stainless steel flow meter verifies fill amount
- Pressure decay and vacuum leak test
- System evacuation eliminates need for top-off
- 2 gpm to 6 gpm fill rates
- Multi-port connection capability (radiator, tank and/or overfill bottle)
- Standard SAE 164 or custom neck styles
- Continuous recirculating supply tanks
- Backup, manual fill hose reels available
- 65 or 100 cfm single stage vacuum pumps with auto purging traps
- Individual scavenge lines isolate multiple fluids
- Scavenge pump vents fluid pressure, adjusts level, and eliminates tool dripping
- Dripless tooling

CONFIGURATION OPTIONS:

- Stop station
- Mobile station
- Base station with track mounted, vehicle towed tool console
- Base station with motorized, VFD, line synchronized, track mounted tool console
- Multiple mix or pre-mixed supply systems

PROCESS CYCLE OPTIONS:

- Volume or pressure fill
- Continuous monitoring mixture ratio instrumentation
- Multiple pre-mix supply tanks
- Standard cycle includes:
  - Tool hookup
  - Pressurize system (10 – 35 psi)
  - Pressure decay test
  - Evacuate
  - Vacuum test
  - Coolant fill
  - Pressure relief, level adjust, scavenge, and tool disconnect

TOOL PRESENTATION OPTIONS:

- Simple track mounted tool balancer
- Swinging boom and tool balancer
- Automatic, air actuated drop and retract balancers
- Multi-axis, automatic tool positioning
- Multi tool, automatic tool positioning

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