

Hydra-Cell®

Seal-less Pumps

Pumping Reclaim is our Claim to Fame!

Pumping clean water to remove dirt and grime from vehicles is the easy part. Pumping reclaim water filled with abrasives is what separates the can-do from the can't-do pumps.

Hydra-Cell features a seal-less design and spring-loaded, horizontal check valve orientation to handle abrasive particulates up to 800 microns in size (depending on pump model) without the need for fine filtration.

Other performance benefits of Hydra-Cell include:

- Will run dry without damage to the pump in case of a blocked suction line or many other conditions
- No dynamic seals, cups, or packing to leak, wear or replace
- No leak path for fumes or other emissions to escape
- Corrosion-resistant construction materials
- Pumps high-to-low viscosity fluids, including non-lubricating liquids

- Easy to control because the flow rate is proportional to the pump speed
- Provides virtually pulse-free flow without the need for expensive pulsation dampeners
- Low acquisition cost and low operating costs because of energy-efficient operation and minimal maintenance requirements



Ideal for Clean or Reclaim Water

- High-pressure car washing
- Undercarriage blasters
- High-pressure wheel washing
- Body side blasters
- Bumper blasters



Hydra-Cell pumps are available in 10 different models with maximum flow rates ranging from 1 to 66 gpm and maximum discharge pressures from 700 to 2500 psi.

 **Wanner Engineering, Inc.**

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We know you'll take a shine to our new electronic metering pumps.

Whether you are injecting foam and detergents during the cycle or dosing waxes and shine agents to finish the job, new S Series pumps from Hydra-Cell Metering Solutions provide precise metering of solutions and chemicals for car washes.

- Low acquisition costs, low maintenance costs, and high reliability add up to low life-cycle costs
- Double-ball check valve ensures accurate metering and reduces the chance of water hammer.
- Safety features to handle abnormal air or pressure build-up
- Available in several corrosion-resistant, liquid end component choices
- Waterproof, dust-resistant structure
- Pump housing is molded from high-impact PPO, an engineered thermoplastic that provides dimensional stability and excellent resistance to heat
- Power supply range for operation between AC100 and 240V ($\pm 10\%$)
- Fast, easy maintenance as liquid-end parts can be disassembled and replaced by simply detaching four bolts

Ideal for Precise Metering

- Detergent
- Shine agents
- Foam
- Treating reclaim water
- Wax
- Treating wastewater

Manual-control SM models feature a simple hand-operated speed stroke dial. The pump runs at a maximum of 300 strokes per minute and a minimum of 15 strokes per minute.

Discharge volume can be set up to the maximum flow capacity in 0.1 ml/m units. Maximum flow rates from 28 to 100 ml/min depending on pump model.

SP, ST & SA models have pulse-input or pulse-input/analog-input control with simple key operations and intuitive user interface - a bright, sharp LED display is clearly visible in lowlight as well as high-glare areas.

They feature "Eco-friendly" operation that lowers power consumption up to 55%. Range can be set between 1 and 300 strokes per minute in 1-stroke units. Maximum flow rates from 25 to 220 ml/min depending on pump model

Easy to assemble and install, optional S Series solution tanks offer large capacity in a compact design.



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