

Smart-Rack™

Car Wash Pumping Equipment



The IDX “Smart-Rack” is an all-in-one system designed to offer the everyday car wash operator exceptional performance. This pumping system has been engineered to have fewer mechanical components and reduced maintenance allowing for clean and straight forward business operations. The “Smart-Rack” truly revolutionizes the self-service car wash industry by minimizing operating costs, maximizing profits, and delivering superior results.

The “Smart-Rack” is a true single Bay single pump design. This feature is made possible by VFD (Variable Frequency Drive) motor control, which operates a single pump for high, medium, and low pressure wash functions.

The VFD Pump Motor for each Bay saves energy and reduces operating costs while allowing for configurable high, medium, and low pressure settings.

Fewer system components eliminates low-pressure pumps, in-bay check valves and multiple delivery hoses to the boom. This also makes in-bay freeze protection simpler.

The Wash Down feature allows in-bay wall and floor wash down with the push of a button, with wash down time reported as “Free Time” both on the local 12” configuration display, and to the IDX ScadaWash Data Acquisition System.

The adjustable high pressure purge will automatically purge the previous functions solution through the wand until next selected functions solution reaches the wand.

The “Smart-Rack” features a “Plug-and-Play” design, the system arrives at your location pre-plumbed and pre-wired. Thus guaranteeing operators receive a simple, quick and accurate installation.

SYSTEM ENHANCEMENTS

- Free Standing Stainless Steel Frame with Patent Pending EZ-Service swing out Motor/Pump Shelves
- Available in 2 Bay through 12 Bay Configurations
- 5 HP Variable Frequency Drive VFD Motor
- 208/240 Volt 3 Phase Motor Control
- Giant Pump as Standard, (CAT & General Available)
- Plug and Play Wash Connections
- 1” Hot and Cold Water Supply Ready
- 2 Mechanical Hot and Cold Water Float Valves
- ½” Compressed Air Supply Ready
- Tank and Hydro-Minder, or IDX Direct Chemical Feed
- All Tanks Stainless Steel
- EZ-Integration to all In-Bay Meters
- Pre-Plumbed and Pre-Wired
- 24 VAC Transformer per Bay, Each Bay is wired and plumbed independently.
- 12” Touch Screen System Configuration
- Wash Down and Out of Service Touch Screen Feature



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