

On-Premise **Elite**

Advanced Laundry Chemical Dosing System for Single and Multi-Washers

The On-Premise Elite sets the new standard for laundry chemical dosing systems by which all others will be measured! Innovative "smart" dosing made possible by our precision flow meter technology, single or multiple washer (x4) dosing and advanced controls are designed to improve your profitability while producing visibly cleaner linen for your customer. Priced to compete with other small laundry dosing equipment, the On Premise Elite is loaded with meaningful new features that can set you apart from your competition.

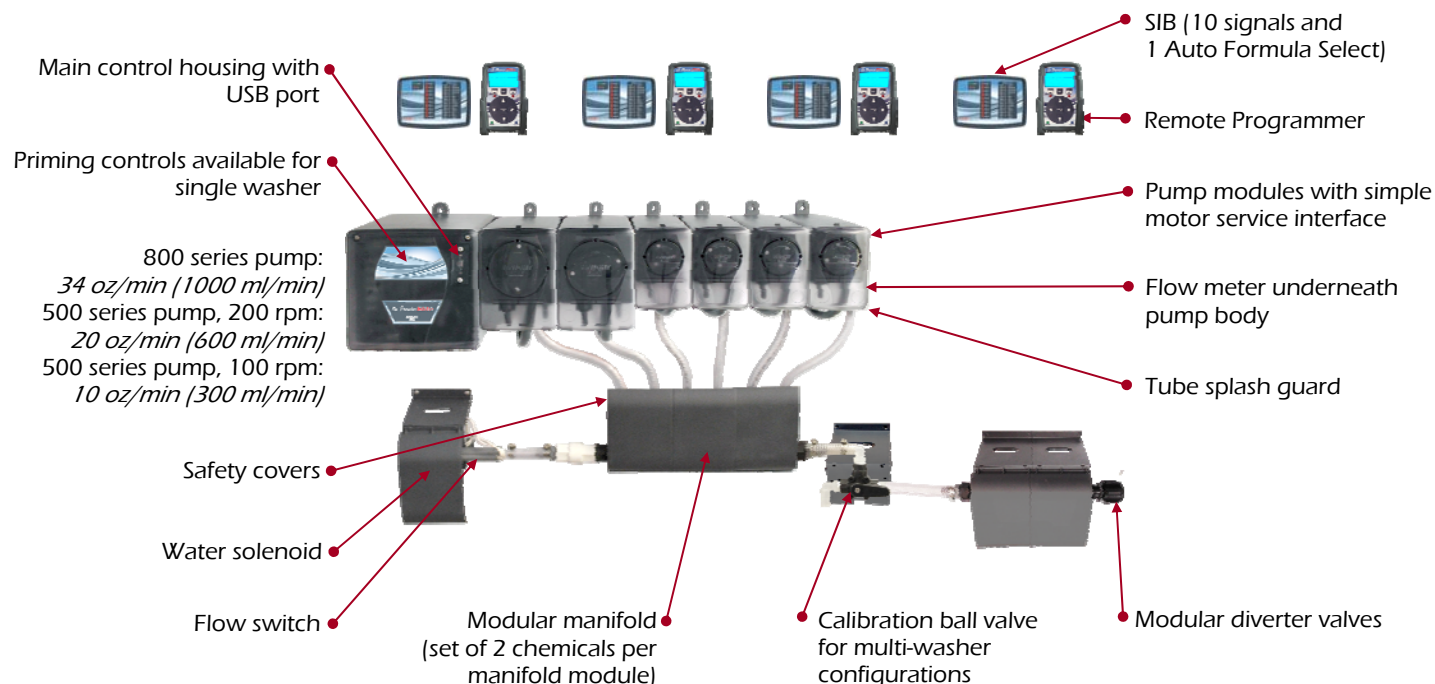
On-Premise Elite Single Washer



- Modular system allows for you to choose what you need
- Scalable from 1 to 4 washer
- Single Washer : 3 to 10 chemical capable
- Multi-washer : 4 to 8 chemical capable
- Flow meter technology to ensure precise and consistent dispensing
- 100 wash formula capability
- 10 oz/min, 20 oz/min, 34 oz/min pumps
- Simple programming with PC software included
- Quick USB uploading and downloading
- Chemical usage/operator activity reports with graphical summary into Excel
- Full range of programming options

OP Elite Components

Multi-washer
4 washer, 6 product OP Elite



Modularity and Common Part

The OP Elite is a highly configurable laundry dispenser that can be configured from a simple 3 product dispenser to a 10 product dispenser for a single washer to a multi-washer for 4 washers running up to 8 chemical with flow meters. With the various options and common shared parts, the OP Elite is an extremely flexible and versatile system that will reduce inventory and reduce costs.

- Pump modules can be added to any system depending on your flow rates needed
- Many of the parts to the system share similar parts to reduce inventory
 - Manifold and diverter modules share similar parts
 - Splash guards and mounting brackets are universal

Cost Advantages of OP Elite Scalability

One of the greatest benefits of the OP Elite is the simple capability of configuring the OP Elite from a single dispenser to a multi-washer dispenser. With the base components being similar in a single washer as a multi-washer, the costs per washer is reduced as you increase the number of washers per OP Elite system.

Configurability



Simplified Servicing



Servicing the motor has been simplified with tool less pump housing separation



Tool less face plate removal will ensure for a quick and simple tube change

“Smart Dosing” - Precise, Accurate, and Controlled Dosing

The OP Elite has the option for traditional time based metering or for more accurate and controlled chemical delivery, flow meter based technology. The economical flow meters will offer substantial return in quality, chemical control, and give you the peace of mind the pumps are operating as they should be from first install. With patent pending elliptical gear flow meter technology, the OP Elite can offer many of the solutions and benefits over time based metering:

- OP Elite software and flow meter ensure accurate chemical injection based on actual chemical dispensed
- Flow meter will adjust dispensing as squeeze tubes wear ensuring continued accurate dispensing
- Proof of flow
- Concentrates are metered to +/- 3% accuracy
- Compensates for changes in fluid viscosity
- Out of chemical conditions will produce an immediate alarm message and system shut down to prevent poor cleaning quality/staining problems
- Long lasting fluid line components
- Flow meter feed back provides precise chemical usage data for managing usage and costs



Flow Meters

PC Programming and USB Interface

The OP Elite can be programmed for the first time using the OP Elite remote or by programming a system setup file using the OP Elite PC software and uploading the settings to the system using an USB stick. The OP Elite software, which is included with the OP Elite system, is a completely new software platform that simplifies programming and uploading.

- Quick and simple USB interface for loading and downloading
- Offers the ability to store multiple dispenser setup files for future use
- Ability to copy setup files to and from USB
- Stores reports for easy download to USB
- Easy to read options with radial button selections, data field boxes, and drop down menus
- Software options not utilized are disabled
- Software allows for formula scaling to quickly adjust the formulas based on the weight/capacity of the washer.
- System programming is simply categorized to global settings, system settings, signal settings, and formula settings



USB uploading and downloading



Reporting and Data Management

- Graphical summary reports for a quick laundry health check
- Manage the laundry facility using the detailed reports that will show total costs, total cost per weight, formula costs, weight per formula, product cost, cost per weight, and many other management data

Programming Features

The OP Elite offers the full range of programming options preferred by larger industrial facilities, but also contains a basic feature mode to accommodate the basic requirements of an On-Premise user. Whether using the OP Elite multi-lit digital remote or using the quick USB set up files to program the dispenser, the OP Elite is designed to balance features and ease of operation.

- Formula Scaling
- Normal, Drain, Soil, and Relay mode for single washer
- Dispenser ID
- Access Code
- Date and Time
- Auto Formula Reset
- Bleach and Soft Defeat
- Signal Lockout
- System Lockout
- 100 Formula Programming
- Computer Interface (Set up file transferring and reporting)
- Flush Mode
- Advanced and Basic Mode
- Calibrate Pumps
- Prime Pumps
- Formula Weight
- User Access Code
- Chemical Names and Costs
- Formula Names
- Receive Setup from USB
- Signal Mode: One to One
- Signal Mode: Assigned Step
- Signal Mode: Assigned Signal
- 128 x 64 Graphic Display
- Maintenance Information
- Shift Times
- Diagnostics
- Help screens

OP Elite Low Level Alarm

The OP Elite LLA is designed to reliably monitor supply levels of your liquid chemistry and signal when your chemical is low. With the ability to independently monitor up to 10 chemicals and supply up to three dispensers, the low level alarm ensures your chemical is always supplied to multiple dispensing equipment.

- Can work with OP Elite to signal chemical is low on the system remotes
- Individual response LED shows which product is empty
- Automatically resets low chemical alarm when chemicals are replenished
- 12 VDC power supply with plugs for North America, UK, Europe, and Asia Pacific
- Each probe allows you to feed up to 3 different dispensers with from one chemical container
- 1/4" (7 mm) or 3/8" (10 mm) fittings to accommodate different suction lines
- Durable float construction is made of Polypropylene which is chemical resistant to most common chemicals in the industry
- Probe uses reliable magnetic float switch technology
- Protective housing around both the float and suction line
- Internal audio alarm that can be heard even in a busy wash room
- Available in three length probes
 - 20" (500mm) suitable for 1 gal, 5 gal, 10L, 25L containers
 - 30" (750 mm) suitable for 15 gal, 60L containers
 - 43" (1100 mm) suitable for 55 gal, 200L drums



Low Level Alarm Module



Low Level Alarm 43" Probe

ORDERING INFORMATION

On-Premise Elite

OP Elite, WASHER DISPENSING SYSTEMS

Part #	Description
B8080001	Base, Single Washer
B8080000	Base, Multi-washer

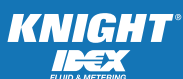
Note: Please reference or ask for additional Ordering Information Sheet for complete list of item description and part numbers.

KNIGHT LIMITED WARRANTY

Knights controls and pump systems are warranted against defects in material and workmanship for a period of ONE YEAR. All Electronic Control Boards have a TWO YEAR warranty. Warranty applies only to the replacement or repair of such parts when returned to the factory with a KRA number, freight prepaid and found to be defective upon factory inspection. Rubber and synthetic rubber parts such as "O" rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. Warranty does not cover liability resulting from performance of this equipment nor the labor to replace this equipment. Product abuse or misuse voids warranty. Knight products are not for use in potentially explosive environments. Any use of our equipment in such an environment is at the risk of the user. Knight does not accept any liability in such circumstances.

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