

ANNEX 02

Professional Laundry Dosing System

The dispenser must have the following specifications.

Required features;

- Multi centralized chemical dosing system.
- Capability of combination of up 3 to 10 washer extractors
- Modular system configurable with 16 chemicals and up to 50 formulas
- The possibility to add an auxiliary unit with a further pump up to 16 pumps total.
- System with built in flow meter sensor.
- A water powered flush system and centralized machine distributor to transport the product solution to each machine.
- Both Manual formula and Automatic Formula Selection modes are available for programming the system along with Latched mode options.
- Remote management of the dosing systems
 - Communication module which enables the system to talk to its various components and enables the remote management of the dosing system via any pc or smart device providing both operational management capability as well as key management information data on demand.
- Data on Demand
 - Access data relating to real time and historic chemical consumption, formula usage, which programs are running on which machine, and whether chemical levels are low or if there is a fault in the system.
- The manifold system includes a flush sequence both at initial set up and then before and after each chemical dosage ensuring the full chemical dose is delivered to the distributor valve block, also clearing the tube of chemical.
- Delivers high flow rate dosages for industrial application.
- Mechanism that every single dosage is measured and delivered to the machine for the maximum reliability and precision.

Modules to be with dosing system;

- Level Control Module which monitors the levels of chemical levels in the containers and accepts up to 8 inputs.
- Alarm Module which signals the status of the system using visual and audio alarm signals
- Trigger Interface Module which receives trigger signals from each Washer and transmits them via an application to the system.
- Distributor Module which delivers the dosed chemical directly to each washer extractor using valves that are fully compatible with chemicals commonly found in professional laundry operations.
- Washer Kit which enables the installation to be expanded to application with additional needs, post original installation.
- Smart Programmer capable of managing the entire Smart range of laundry pumps in a single model,
 - Manages up to 40 wash formulas, in 2 separate categories with 20 formulas each.
 - Has 25 programming lines for each washing formula
 - Doesn't require a connection to the control unit to be able to program the operations.
 - Chemical usage data available via serial interface
 - Programming available in: English
 - Program security of password protection