

INTERCEPT PH CORRECTION

OVERVIEW

All Purpose Pumps Intercept pH Correction System for trade waste compliance. Available for either above or below ground configurations where there is a requirement to raise or lower the pH to the authority's requirements. This system is ideal for applications such as laboratories in hospitals, schools and universities, pharmaceutical, and industrial wash down processes containing chemicals.

FEATURES

CONFIGURATION

- Run On Demand - system is enabled to treat only when inflow is present as opposed to a system that is continually mixing and dosing resulting in excessive energy and reduced service life
- pH probes, flow meter, chemical injection points incorporated into the above ground skid for easy access
- Mixing/Collection chamber engineered for fluctuating pH and temperature levels
- Will not discharge to waste if pH is not within acceptable limits, typically 6-10pH
- Where required, will not discharge to waste if temperature exceeds acceptable limit, typically 38°C

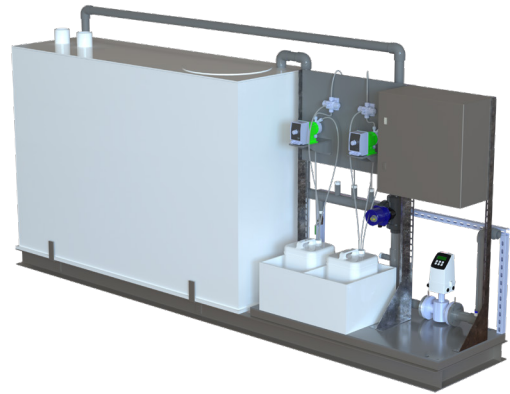
MIXING & DISCHARGE PUMPS

- Heavy duty, 316 stainless steel cast construction with triplex seals and Viton elastomers
- Single or dual options

OPTIONS

- Duty/standby systems for essential operation
- Hydrostatic Level Transducer for:
 - Ability to adjust levels settings via the HMI touch screen
 - Live level display
 - Log operating levels
- Remote access enables the operator to:
 - Download data logging in CSV format for the water authority
 - Ability to remotely:
 - > Control the panel and adjust settings
- Temperature control and monitoring
- Above or below ground collection and control chamber
- Weather resistant enclosure and heating for chemicals at high freezing temperatures

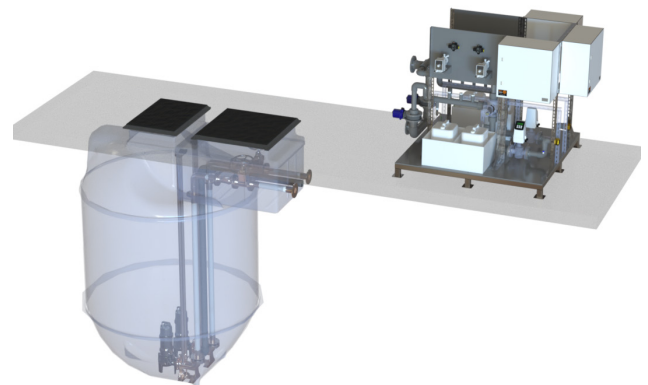
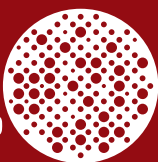
ABOVE GROUND



BELOW GROUND



DUTY & STANDBY SYSTEM

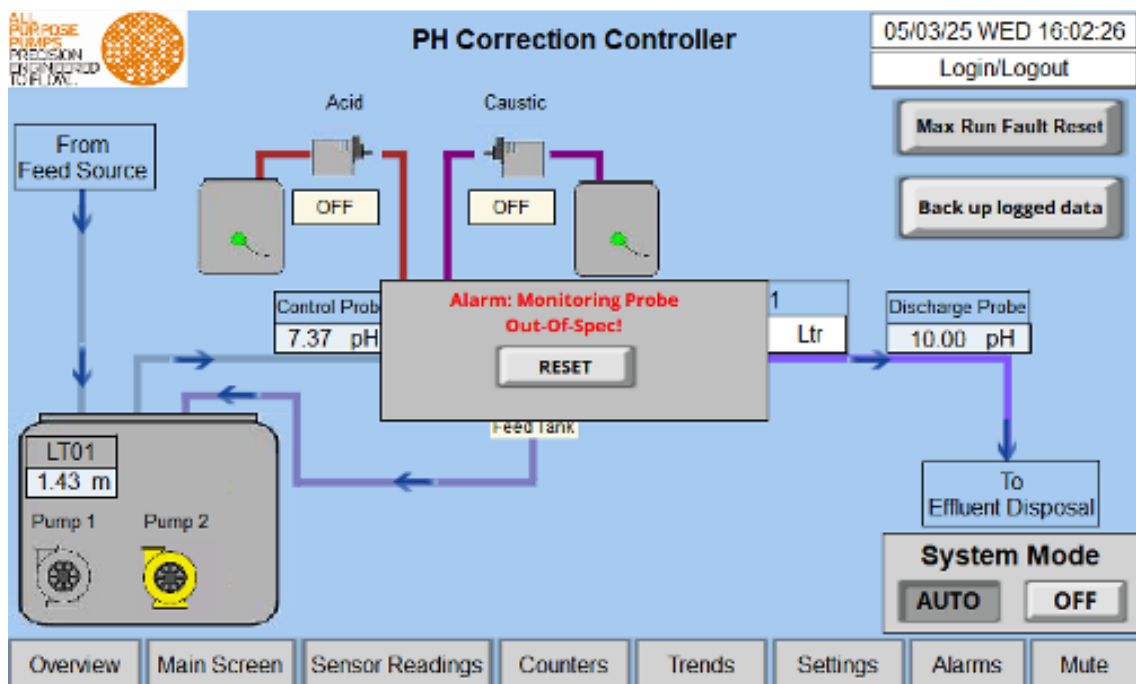


INTERCEPT PH CORRECTION

CONTROLLER

- Intuitive graphical colour touch screen with everything in one location for simple and easy programming and system management. Key advantages are Include:
 - Main screen with system P&ID showing pump status, valve position, analogue readings, and active faults
 - Logged data screen with graph for level, pH, flow, and temperature where applicable
 - Alarm screen with date and time stamped faults
 - Probe calibration screen with intuitive step by step process
 - Data download screen with intuitive step by step process
- BMS output: Volt Free terminals:
 - Individual pump run & fault
 - Low chemical
 - Common fault
- Data logging:
 - Tank pH, Temperature where fitted, Outfall pH and Flow
 - External mounted USB port to download reports
- Protection against discharging out of spec waste
 - Provision to apply authority lock on water meter
 - Analyses both pH probes to stop discharge when one is not within acceptable discharge parameters

CONTROLLER HMI GRAPHICAL TOUCH SCREEN



25 YEARS INDUSTRY EXPERIENCE

