

ONE INTEGRATED SOLUTION FOR PRECISION PUMP CONTROL & AUTOMATION

Pump manufacturers and turnkey System Integrators understand the importance of optimizing pump up-time and efficiency. Any unnecessary downtime – due to outages, troubleshooting or systems integration – is expensive, time consuming and stressful.

Unitronics, the award-winning leader in advanced control & automation solutions, offers a one-stop-shop for pumps applications needs. With three decades of proven reliability in the petrochemicals, energy & environment, water & wastewater management, HVAC and building management industries, Unitronics has emerged as the trusted source for automated precise control of pumps, from hydraulics to simple fill applications.

FEATURES



- Remote access & control
- Broad range of powerful PLC, HMI, VFD, I/O, AC Servo Drives & Motors
- Single, unified software environment guarantee simple programming
- Smart data trace, logging, management tools & access control
- Analysis of live data using on-line trends
- Preventive maintenance
- Customizable & flexible to fit simple or complex applications
- Meets industry regulations & standards

**BOOSTER PUMP
CONTROL**

**MULTIPLE PUMP
SEQUENCING**

**PRESSURE
CONTROL**

**LEVEL
CONTROL**

**FLOW
CONTROL**



▪ PLC ▪ HMI ▪ I/O ▪ VFD ▪ SERVO ▪ ALL-IN-ONE PROGRAMMING SOFTWARE ▪



ELIMINATE DOWNTIME WITH IMPROVED CONTROL & AUTOMATION

Unitronics' broad range of powerful PLCs, intuitive HMIs, I/Os, VFDs, AC Servo Drives & Motors, enable precise pump control – and enable you to implement preventive maintenance, reducing downtime to protect your applications & site workflow.



TAKE COMPLETE CONTROL FROM ANY LOCATION

Remote access allows you to monitor & regulate pump operation, view and operate your machine and access your process from any standard display device, anywhere.



BOOST ENERGY EFFICIENCY WITH BETTER CONTROL

Unitronics' hardware and software allow to optimize energy efficiency by applying smart PID control loops and motor energy consumption, using VFDs, in order to manage pumps according to the required setpoints.

ONE

— INTEGRATED —
SOLUTION
for Control & Automation

Unitronics' all-in-one approach means dealing with only one vendor, eliminating the drain on cost, time and hassle of coordinating with multiple contacts at every stage of the process. Unitronics' extensive offering includes a complete line of PLCs, PLCs with integrated HMI, full line of VFDs, a broad array of I/Os and complementary devices, as well as programming software for all aspects of control, motion, and communications, including support for all major Industry 4.0 and building automation protocols, for any simple or complex applications & functions.

BENEFITS



- One-stop-shop for all pump control needs to eliminates multi-vendor complexity
- Optimizes uptime & energy efficiency
- Easy to program & simple to use
- Worldwide quality support with single point of contact
- Future-proofed for Industry 4.0
- Worldwide distribution with 30 years of proven reliability