PUMP CONTROLLER SOLUTION

Intelligent Control for Wastewater Pump Stations

The WAGO Pump Controller Solution is engineered specifically for wastewater lift stations and duplex pump applications, delivering reliable, configurable, and data-driven control for municipal and industrial wastewater operations. Built on WAGO's proven automation platform, this controller ensures efficient pump performance, optimized alternation, and continuous visibility into critical station conditions.

CODESYS

Advanced Duplex Pump Management

Wastewater pumps endure demanding conditions and WAGO ensures they run efficiently and reliably. The controller offers several pump alternation strategies, including Fixed, Rotary, Runtime-based, Jockey, and Emergency Override modes.

Each pump is continuously monitored to provide comprehensive operational insights:

- On/Off status
- Failure to start/stop detection
- Daily, average, and total pump starts
- Daily, average, and total runtime
- Minimum/maximum runtime

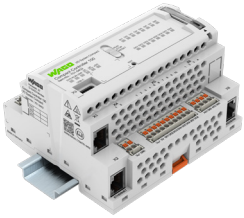
These metrics empower operators to make informed maintenance decisions and extend pump life

Flow Monitoring for Wastewater Applications

Gain complete situational awareness of your station's performance:

- Influent and effluent flow rates
- Daily flow totals & daily flow averages
- Overall cumulative flow
- Calculated flow rates (with or without a physical flow meter)

These insights help validate system behavior, identify performance issues, and support regulatory reporting



Compact Controller 100
751-9402

Web Panel 400
762-3404

Basic Controller 100
750-8001

Alarm Management & SD Card Logging

Maintain high system uptime with built-in alarm handling tailored to wastewater environments:

- High or low wet well level alarms
- Pump fault and performance alarms
- Flow rate deviation alarms
- Automatic logging of all alarms and events to the SD card for review, auditing, and troubleshooting

Why Choose WAGO?

The WAGO Pump Controller Solution combines rugged hardware, proven software, and flexible configuration tools to deliver a reliable, scalable, and easy-to-deploy solution for water/wastewater facilities, industrial fluid systems, and municipal infrastructure. With WAGO, you get a complete, configurable pumping solution that accelerates deployment, simplifies operations, and enables long-term system performance without the need for any software development.

Pump Controller Kits	
60627134	Compact Controller 100 (751-9402) with software
60627123	Compact Controller 100 (751-9402) with software & WP400 (762-3404, 10")
60631575	Basic Controller 100 (750-8001) with software
60631568	Basic Controller 100 (750-8001) with software & WP400 (762-3404,10")

Related Products/Accessories	
758-879/000-3116	Memory Card SD Micro; pS-LC-NAND; 16 GB; Temp. range: -40 to 85 °C, -40 to 185 °F
758-879/000-2116	Memory Card SD; pSLC-NAND; 16 GB; Temp. range: -40 to 85 °C, -40 to 185 °F

Contact a WAGO Sales Representative for more information or to discuss your application.

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