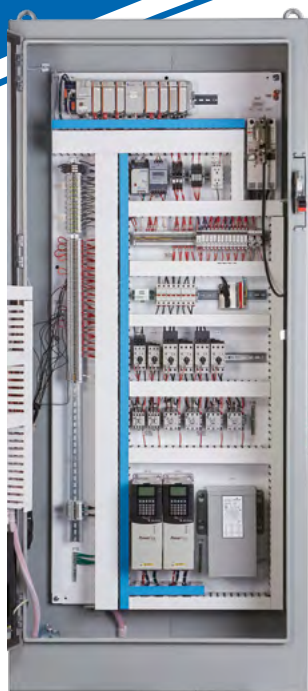


OSCAR Control Panel

REAL-TIME MONITORING | REAL-TIME CONTROL | REAL-TIME SAVINGS



Reliable, secure, and easy to use, the OSCAR control panel connects the process equipment to the control algorithms to optimize treatment performance.

The OSCAR® process performance optimizer includes a robust control panel with hardware and software engineered to order. It is customized to meet project-specific needs and backed by Xylem service support.

Control panel hardware

- UL 508, C/UL, CE rated control panel; CSA optional
- NEMA 12/IP55 enclosure, unless otherwise specified
- Programmable logic controller (PLC) - Allen Bradley
- Human machine interface (HMI) - Allen Bradley Panelview Plus 7 Performance 15" display with Extended Graphics Array (XGA)
- Control switches/pilot lights
- Encrypted webport modem
- Smart sensor controller and communications module integrated with PLC via Ethernet/IP communication
- Motor starters and variable frequency drives (VFDs)



SANITAIRE
a xylem brand

OSCAR Control Panel

Control panel software

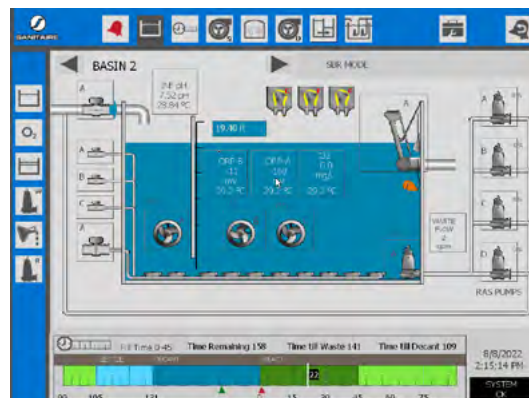
The control panel software includes process controllers, remote accessibility, and intuitive HMI graphics. Some of the features of the HMI include:

- Documentation and manuals available directly on the HMI for simple troubleshooting and process optimization: (1) Operation & Maintenance Manuals for all Xylem equipment; (2) Process operational description and controls functional design specification documents.
- Alarm troubleshooting guides for each alarm available directly on the HMI to ensure alarms can be solved quickly and easily.
- HMI trending capability to simplify process overview and troubleshooting. Data is available for download.
- Optional user authentication for customized access based on credentials.

Control panel services

- Complete 24/7 phone support with remote access by Xylem engineers and technicians.
- All drawings, project documentation, PLC and HMI programs saved on Xylem's secure backed up network for unparalleled customer support for the life of the plant.
- Common PLC and HMI spare components maintained in inventory. In the event of an emergency, these can be programmed for a plant and sent out quickly to get the plant back up and running until replacement hardware can be ordered.
- Systems are completely shop tested with process emulation prior to shipment, providing quality assurance and fast, trouble-free plant commissioning.

Backed by Sanitaire biological process expertise and supported by Xylem's suite of premium products, the OSCAR system is committed to process optimization. Let one of our process experts show you how OSCAR takes the guesswork out of process controls.



An intuitive user interface equips operators with the tools to successfully and efficiently operate a treatment plant.