



Orbisphere 410/51X Controllers

The 410/51X controller is a critical component of your analytical measurement system, providing a user interface and power to your sensor, and storing and transmitting your data accurately. Hach Service can help you maximise your controller's uptime to ensure you have the data you need to keep your process running smoothly.

Benefits of Service

- Minimises downtime and extends instrument life
- Ensures data integrity and continuous communication to your operational control system
- Relieves the burden of managing maintenance schedules
- Technical support hotline provides rapid and direct resolution to many issues

*Annual Average Maintenance Time: Up to 30 minutes
Recommended Maintenance Frequency: 1x / year*

Essential Maintenance Tasks Performed

Routine:

- Clean and perform visual inspection of enclosure, display, and cables
- Verify user-programmed parameters and adjust as needed to optimise performance
- Calibrate recorder outputs, analog outputs, and barometric pressure

Advanced:

- Replace power supply and battery RTC
- Perform amplifier calibration to ensure accurate readings
- Review system diagnostics to verify proper communication with sensors
- Troubleshoot and resolve any alarm or warning messages that may impact performance
- Produce service report and performance certificate to support quality management

Parts Replaced During Maintenance			
Part #	Description	Qty.	Frequency
DG33447	Power supply	1	36 months
60483	Battery RTC	1	36 months

These parts and replacement labour are included with a Hach Service Plan at the recommended frequency as long as the plan is renewed. Repairs can only be performed by Hach Service. Coverage is available for repairs on site or at the Hach Service Centre. Coverage for attached sensors is sold separately.

For more information, visit: www.uk.hach.com/service