



NT3 Series

UV Nitrate Sensors

The NT3100sc is a key contributor to the protection and control of your treatment process. Let the experts in Hach Service help you ensure that critical maintenance is done properly and on schedule to maximize performance and eliminate the risk of sensor damage and process upset.

Benefits of Service

- Proper maintenance by certified Hach Service personnel prevents water infiltration and severe damage to the sensor
- Ensures critical measurements are reliable and accurate throughout the full measuring range
- Detects and prevents potential issues that can degrade performance or reduce instrument life
- Eliminates time and hassle of performing service and managing maintenance schedules
- Provides documentation to support regulatory compliance
- Technical support hotline provides rapid and direct resolution to many issues

Annual Average Maintenance Time: Up to 4 hours

Recommended Maintenance Frequency: 2x / year

Maintenance Tasks Performed

Routine:

- Clean sensor and measuring path and inspect for visible issues
- Replace wiper blade and bypass O-rings (if applicable)
- Perform calibration verification with certified standard solutions
- Update firmware to the latest version

Advanced:

- Clean and inspect internal optical components
- Replace desiccants and seals to prevent humidity and water infiltration that can impact measurement accuracy or result in severe damage to the sensor
- Perform hardware check to ensure peak performance of critical components
- Review system diagnostics to proactively identify potential issues that can impede proper functioning of the equipment
- Perform 4-point calibration to ensure full-range measurement accuracy
- Troubleshoot and resolve any error or warning messages
- Produce service report and performance certificate

Parts Replaced During Maintenance

Part #	Description	Qty	Frequency
LXZ448.99.00002	Wiper Blades (5 pcs)	1	24 months
LXZ448.99.00003	1 mm		(1 per service)
LXZ448.99.00003	2 mm		
LXZ448.99.00033	5 mm		
LXZ448.99.00043	Wiper axis with seals	1	12 months

Part #	Description	Qty	Frequency
LXZ448.99.00012	Set of Seals	1	24 months
LZX302	Desiccant, Set of 2	1	24 months
LZX303	Desiccant	1	24 months
LZX572	Bypass O-Rings (if applicable)	1	12 months

These parts and replacement labor are included with a Hach Service Plan at the recommended frequency as long as the plan is renewed. Coverage is available for repairs on site or at the Hach Service Center.

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

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