ABB Measurement Care – Performance Guarantee Option
Taking Care of Your Gas Chromatographs Service Needs
ABB’s Customized Service Solution
Tailored to your needs

- **Rapid response**
  Guaranteed urgent action. You can count on ABB trained Customer Service Engineers for prioritized support.

- **Lifecycle Management**
  Product age and condition can adversely affect the performance of your process. An installed base assessment coupled with an effective preventive maintenance program improves uptime whilst reducing capital costs.

- **Performance improvement**
  Remote and on-site monitoring identifies ways to improve process performance. Monitoring allows accurate predictive maintenance plans to be employed to keep products running at optimum levels.
## GC Measurement Care/PGO
NGC8200/PGC1000 series

### Your needs
- Smooth new GC unit commissioning/startup
- GC performance optimization
- Reduce downtime

### ABB Service Offering
Measurement Care-PGO for NGC 8200/PGC1000 series

### Service Description
Startup Services + quarterly scheduled maintenance from a qualified ABB Field Service Engineer for GC health monitoring and troubleshooting

### Benefits
- Optimized performance from the start
- GC health monitoring
- Minimize risk of critical failure and downtime
- Extended warranty*
- Remote troubleshooting
- Priority on support
- Predictable costs

* ABB will provide an extended warranty on main GC components during the term of the PGO agreement. Exclusions apply to all consumable items (i.e. filters, batteries, etc.) and failures due to misuse, abuse, lightning, flooding or other "Acts of God"
# GC Measurement Care/PGO

## Offering

### Start-up Services
- Commissioning/Start-up from a qualified ABB Field Service Engineer
  - Carrier and calibration gas connections from regulator to GC manifold
  - Sample line connections from the sample conditioning system to the GC manifold
  - Vent Line connections
  - Installation of GC software
  - GC training to include hardware and software
- Travel and living costs included in the fee*

### Performance Guarantee Option
- Quarterly on-site maintenance from a qualified ABB Field Service Engineer
  - Check and calibration of system pressures (calibration and carrier gas, lines, process gas to GC regulator)
  - Condition-based maintenance on Sample Conditioning System, filters and other consumables
  - GC calibration check and verification of mole % in accordance to calibration blend certificate
  - Routine review and recording of main GC functional data
- Remote troubleshooting and priority on support from the Field Service Engineer(s) assigned to the Service Agreement
- Extended warranty on main GC parts**
- Travel and living costs included in the fee

### Digital PGO Services
- Quarterly remote monitoring and diagnostics maintenance from a qualified ABB Service Engineer supported by a Customer Technician deployed in the field
  - Check pressures, gates and labels and modify as needed.
  - GC calibration check and verification of mole % in accordance to calibration blend certificate
  - Routine review and recording of main GC functional data
- Remote troubleshooting and priority on support from the Field Service Engineer(s) assigned to the Service Agreement

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* To qualify for the all inclusive Startup Services rate the “GC Startup Checklist” must be completed and returned to ABB at least 21 days prior the planned Startup Services date. In the event the ABB’s Field Service Engineer is unable to perform the Startup Services scope of work due to missing/incomplete items identified on the “GC Startup Checklist”, then Standard Field Service Hourly Rates in effect at the time service is rendered will apply.

** ABB will provide an extended warranty on main GC components during the term of the PGO agreement Exclusions apply to all consumable items (i.e. filters, batteries, etc.) and failures due to misuse, abuse, lightning, flooding or other “Acts of God”
# GC Measurement Care/PGO

## Pricing Structure

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Service Description</th>
<th>NGC8200 series</th>
<th>PGC1000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Startup Services - New Unit Bundle Deal</strong></td>
<td>Commissioning/Startup from a qualified ABB Field Service Engineer. Travel and living costs are included in the fee. Special discounted price for service purchased at the same time of a new GC unit.</td>
<td>$2,990.00</td>
<td>$3,450.00</td>
</tr>
<tr>
<td><strong>Startup Services</strong></td>
<td>Commissioning/Startup from a qualified ABB Field Service Engineer. Travel and living costs are included in the fee.</td>
<td>$3,990.00</td>
<td>$4,590.00</td>
</tr>
<tr>
<td><strong>Startup Services + 3 years PGO Bundle Deal</strong></td>
<td>Commissioning/Startup + 12x quarterly on-site maintenance from a qualified ABB Field Service Engineer. Remote troubleshooting and priority on support. Extended warranty on main GC parts. Travel and living costs are included in the fee.</td>
<td>$17,250.00</td>
<td>$20,350.00</td>
</tr>
<tr>
<td><strong>Startup Services + 1 year PGO Bundle Deal</strong></td>
<td>Commissioning/Startup + 4x quarterly on-site maintenance from a qualified ABB Field Service Engineer. Remote troubleshooting and priority on support. Extended warranty on main GC parts. Travel and living costs are included in the fee.</td>
<td>$7,890.00</td>
<td>$9,225.00</td>
</tr>
<tr>
<td><strong>PGO Quarterly Service - 3 years agreement</strong></td>
<td>12x quarterly on-site maintenance from a qualified ABB Field Service Engineer. Remote troubleshooting and priority on support. Extended warranty on main GC parts. Travel and living costs are included in the fee.</td>
<td>$14,040.00</td>
<td>$16,680.00</td>
</tr>
<tr>
<td><strong>PGO Quarterly Service - 1 year agreement</strong></td>
<td>4x quarterly on-site maintenance from a qualified ABB Field Service Engineer. Remote troubleshooting and priority on support. Extended warranty on main GC parts. Travel and living costs are included in the fee.</td>
<td>$5,200.00</td>
<td>$6,180.00</td>
</tr>
<tr>
<td><strong>Digital PGO Services - 1 year agreement</strong></td>
<td>4x quarterly remote monitoring and diagnostics maintenance from a qualified ABB Service Engineer supported by a Customer Technician deployed in the field. Remote troubleshooting and priority on support.</td>
<td>$2,200.00</td>
<td>$3,000.00</td>
</tr>
</tbody>
</table>
GC Measurement Care/PGO
ABB Service Team Contacts

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