

PCX Module – Service/Calibration

The PCX module requires a service and calibration at minimum every 24 months.



- NIST Traceable Factory calibration (Arizona road dust)
- Pump replacement
- New zero filter assembly

We provide either a hot-swap or standard calibration service for this module.

Hot Swap Service

Our hot swap subscription service provides you with a refurbished PCX module with laboratory calibration certificate and extended lifetime warranty as required with no downtime for your project. Our hot swap fee is fixed at \$2250 every 24 months, pro-rated at the date of each module swap.

Benefits:

- With a lifetime warranty, there are no module replacement costs (\$4500 per module every 6 years)
- Your costs are fixed, if the module requires servicing within 24 months there is no additional fee
- There is no downtime waiting for your module to be serviced – only one visit to site required

Standard Calibration Service

Our standard calibration service fee is \$1250 per module. Service wait time is around 1 month, requiring either spare modules to be purchased or we can rent a module (\$750 per month).

Comparison Table

Service/Calibration	Service Fee	Additional Costs	Monthly Cost (includes replacement every 6 years)
Hot swap	\$2250 every 24 months	None	\$94
Standard calibration (using spare modules)	\$1250	\$4500 per spare module	\$115
Standard calibration (rental)		\$500 per month	\$135

VOC Module – Service/Calibration

The VOC analyzer module requires a service and calibration at minimum every 24 months.



- Nafion membrane replacement (humidity control)
- PID lamp and electrode stack replacement
- Zero scrubber material replacement (ABC technology)
- Multi-point calibration (dual range) 0 – 30 ppm and 0 – 500 ppb

If these items are not replaced within 24 months, the module will not be able to accurately measure VOC concentrations. We provide either a hot-swap or standard calibration service for this module.

Hot Swap Service

Our hot swap subscription service provides you with a refurbished VOC module with laboratory calibration certificate and extended lifetime warranty as required with no downtime for your project. Our hot swap fee is fixed at \$1950 every 24 months, pro-rated at the date of each module swap.

Benefits:

- With a lifetime warranty, there are no module replacement costs (\$4050 per module every 6 years)
- Your costs are fixed, if the module requires servicing within 24 months there is no additional fee
- There is no downtime waiting for your module to be serviced – only one visit to site required

Standard Calibration Service

Our standard calibration service fee is \$1750 per module, or \$1000 for a set of 10 modules. Service wait times are up to 2 months, requiring either spare modules to be purchased or we can rent a module (\$500 per month)

Comparison Table

Service/Calibration	Service Fee	Additional Costs	Monthly Cost (includes replacement every 6 years)
Hot swap	\$1950 every 24 months	None	\$81
Standard calibration (using spare modules)	\$1750 or \$1000 (set of 10)	\$4050 per spare module	\$129 (1) / \$98 (10)
Standard calibration (rental)		\$1000 (estimated rental fee)	\$171 (1) / \$140 (10)

Other Gas Modules - Service/Calibration

The Aeroquol Gas analyzer modules require full replacement every 24 months



- Nafion membrane replacement (humidity control)
- Gas sensor (24-month lifespan)
- Zero scrubber material replacement (ABC technology)
- Multi-point calibration (dual range) 0 – 30 ppm and 0 – 500 ppb

Modules will begin to fail around 24 months of use, as the sensor expires and other components are exhausted. We provide either a hot-swap or standard calibration service for this module.

Field Calibration

For Aeroqual gas modules (not including VOC), we recommend field calibrations every 3 months and a replacement of the module every 2 years. If this is not achievable, customers can rely on a 12-month laboratory calibration performed by Spectro Technology with new certificate provided.

Field calibration of H₂S, CO₂, CO, SO₂ and Methane can be applied using a gas cylinder. Field calibration of NO₂ and Ozone requires specialized equipment that can be rented or purchased from Spectro Technology (Ozone Calibrator = \$9,650, NO₂ dilutor = \$11,750).

Hot Swap Service

Our hot swap subscription service provides you with NEW module with laboratory calibration certificate and extended lifetime warranty as required with no downtime for your project. Our hot swap fee is fixed at \$1950 every 12 months, pro-rated at the date of each module swap.

Benefits:

- With a lifetime warranty, there are no module replacement costs (\$2800 per module every 2 years)
- Your costs are fixed, if the module requires servicing within 12 months there is no additional fee
- There is no downtime waiting for your module to be serviced – only one visit to site required

Standard Calibration Service

Our standard calibration service fee is \$500 per module. Our standard TAT is 2 - 4 weeks, requiring either spare modules to be purchased or we can rent a module (\$500 per month).

Comparison Table

Service/Calibration	Service Fee	Additional Costs	Monthly Cost (includes replacement every 2 years)
Field Calibration	NA	\$2800 every 24 months	\$120
Hot swap	\$1950 every 12 months	None	\$163
Standard calibration (using spare modules)	\$500	\$2800 per spare module	\$141
Standard calibration (rental)		\$500 (estimated rental fee)	\$162

Met One Nephelometer Module - Service/Calibration

The Met One Nephelometer module requires a service and calibration at minimum every 24 months.



- NIST Traceable Factory calibration (spherical micro-beads)
- Servicing of module
- Cleansing of optical chambers and tubing replacement
- Replacement of pump and purge filters

We provide either a hot-swap or standard calibration service for this module.

Hot Swap Service

Our hot swap subscription service provides you with a refurbished Nephelometer module with laboratory calibration certificate and extended lifetime warranty as required with no downtime for your project. Our hot swap fee is fixed at \$1950 every 24 months, pro-rated at the date of each module swap.

Benefits:

- With a lifetime warranty, there are no module replacement costs (\$4850 per module every 6 years)
- Your costs are fixed, if the module requires servicing within 24 months there is no additional fee
- There is no downtime waiting for your module to be serviced – only one visit to site required

Standard Calibration Service

Our standard calibration service fee is \$850 per module. Service wait time is around 2 months, requiring either spare modules to be purchased or we can rent a module (\$500 per month).

Comparison Table

Service/Calibration	Service Fee	Additional Costs	Monthly Cost (includes replacement every 6 years)
Hot swap	\$1950 every 24 months	None	\$81
Standard calibration (using spare modules)	\$850	\$4850 per spare module	\$103
Standard calibration (rental)		\$1000 (estimated rental fee)	\$144

Met One Profiler Module - Service/Calibration

The Met One Profiler module requires a service and calibration at minimum every 12 months.



- NIST Traceable Factory calibration (spherical micro-beads)
- Servicing of module (clean and basic repair)
- Cleansing of optical chambers and tubing replacement

We provide either a hot-swap or standard calibration service for this module.

Hot Swap Service

Our hot swap subscription service provides you with a refurbished Profiler module with laboratory calibration certificate and extended lifetime warranty as required with no downtime for your project. Our hot swap fee is fixed at \$1500 every 12 months, pro-rated at the date of each module swap.

Benefits:

- With a lifetime warranty, there are no module replacement costs (\$5350 per module every 5 years)
- Your costs are fixed, if the module requires servicing within 12 months there is no additional fee
- There is no downtime waiting for your module to be serviced – only one visit to site required

Standard Calibration Service

Our standard calibration service fee is \$750 per module. Service wait time is around 2 months, requiring either spare modules to be purchased or we can rent a module (\$500 per month).

Comparison Table

Service/Calibration	Service Fee	Additional Costs	Monthly Cost (includes replacement every 5 years)
Hot swap	\$1500 every 12 months	None	\$125
Standard calibration (using spare modules)	\$850	\$5350 per spare module	\$160
Standard calibration (rental)		\$1000 (estimated rental fee)	\$243