

Procedure for Shutting down the GC

For less than one week

In general you can always leave the GC power on when not in use. If you will not use the GC for up to approximately one week, conserve gases and energy as follows:

- Reduce detector, inlet, and column temperatures to 150–200°C to save energy.
- Turn off corrosive or potentially hazardous gas flows, such as oxygen and hydrogen.
- Reduce flows of carrier and makeup gases.
- Turn off coolant supplies at their sources.

WARNING: Never leave flammable gas flows on if the GC will be unmonitored for long periods of time. If a leak develops, the gas could create a fire or explosion hazard.

For more than one week

1. Set all heated zones to ambient temperature and turn off the detector support gas flows. Leave the carrier gas flow on.
2. When the GC is cool, turn it off.
3. Turn off all gas and coolant supplies at their sources.
4. Remove the column and cap its ends to prevent contamination. Store the column in a cool, dry place.
5. To prevent contamination, cap the inlet and detector column fittings.
6. If gas connections are removed from the GC, cap the intake fittings on the back panel of the GC and on the inlet manifold.
7. If desired, replace the split vent trap filter cartridge (if present).

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The information contained herein is intended for use by informed individuals who can and must determine its fitness for their purpose.

Note: Maintaining the instrument with a lowered temperature and reduced carrier and makeup gas flows keeps impurities from building in your column, inlet, and detector.