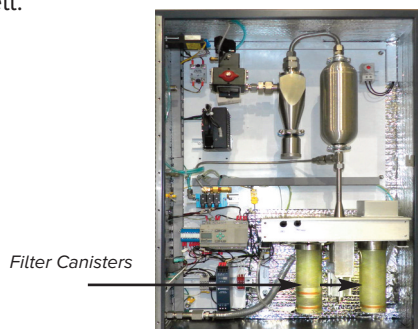




Sierra's Automatic Filter Changer (AFC) is a compact and portable safety and automation tool that is designed to meet US EPA 40 CFR Part 1065 regulations. A plug-and-play safety and efficiency upgrade to any BG3 partial flow sampling system, the AFC is a valuable addition to every emissions test cell.



Automatic Filter Changer

Make gravimetric PM emissions sampling easier, faster and safer!

The AFC eliminates the often tedious manual processing time required to load and unload single filter holders before and after each test. Now simply install your choice of pre-loaded 14 and 22 filter puck magazine or canister and run them throughout any test cycle. With the Sierra AFC, engineers and scientists can stay out of the test cell during testing while tests are done in succession, increasing safety as well as test productivity.

Key Features

- ▶ 14 and 22 filter puck canisters available, 47mm media, uses 1065-compliant pucks
- ▶ Plug-and-play with any BG3 partial flow sampling system
Control via BG3 software
- ▶ Automatically loads filters into "supply" magazine or cartridge
- ▶ Designed to meet US EPA 40CFR Part 1065 regulations
- ▶ Heated enclosure, cyclonic separator, residence chamber, dilution tunnel valve

Key Benefits

- ▶ Increases gravimetric PM emissions testing speed and safety (no entry in and out of the cell)
- ▶ Works seamlessly with BG3 software
- ▶ Provides feedback of filter indexing status, filter number sequence, go/no-go status
- ▶ Load filters into "supply" magazine, insert, run tests, remove magazine and process in a clean room

Requirements

- ▶ BG3 partial flow sampling system
- ▶ BG3 in-situ software upgrade
- ▶ 110v power, 100 PSI Air
- ▶ 47mm filters

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