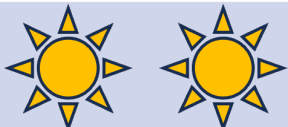
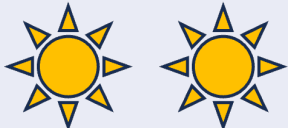



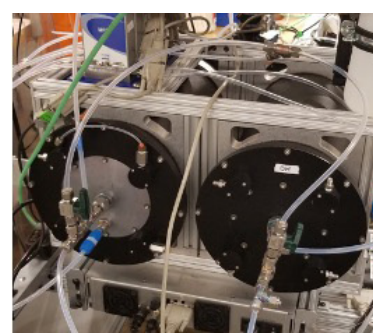
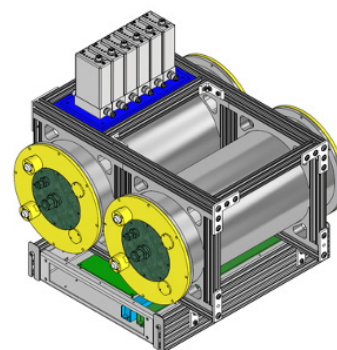
PAM Dual OFR

Potential Aerosol Mass Dual Oxidation Flow Reactor

- Extends applications of the PAM OFR by providing the ability to simulate multiple oxidation processes in parallel
- Enables automated fast switching of instruments between OFRs
- Oxidants: O_3 , OH, NO_3 , Cl, Br
- Configurable to input different precursors into OFRs using the same oxidant, or the same precursor into OFRs using different oxidants

Example Dual OFR Configurations [Same Precursor, Different Oxidants]

| Oxidative Aging Processes | OFR #1 | OFR #2 |
|---|----------------------|-----------------------|
|  | OH [low- NO_x] | OH [high- NO_x] |
|  | OH | Cl |
|  | OH | NO_3 |



Available as a new system or an upgrade to the PAM OFR.
Sign up to receive more details as they become available.