

ABSTRACT

Provided is a gas management assembly for a high pressure heat-treatment apparatus, the assembly including: a housing having an inner space; a gas supply module
5 disposed in the inner space and configured to supply a gas to internal and external chambers of the high pressure heat-treatment apparatus; a gas exhaust module disposed in the inner space and configured to exhaust the gas caused by heat treatment of an object from the internal chamber;
10 a detection module connected to the gas exhaust module in the inner space and configured to detect the residual gas remaining in the internal chamber; and a control module configured to control at least one of the gas supply module and the gas exhaust module based on a detection result of
15 the residual gas by the detection module.

[FIG. 1]