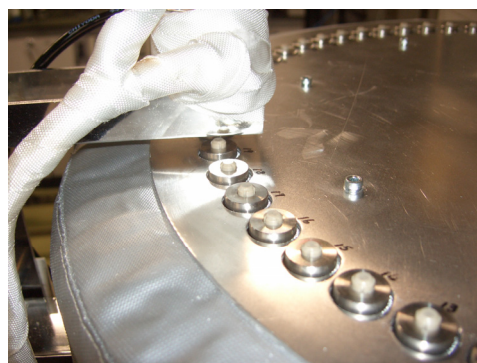
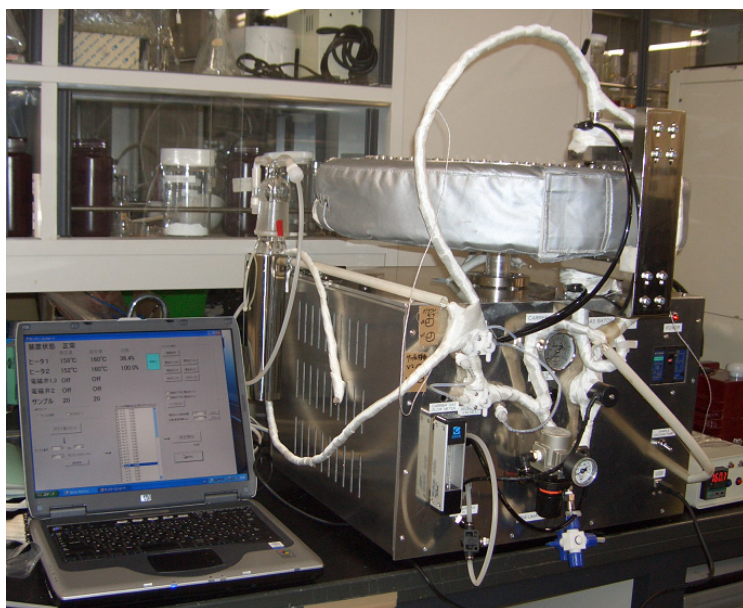


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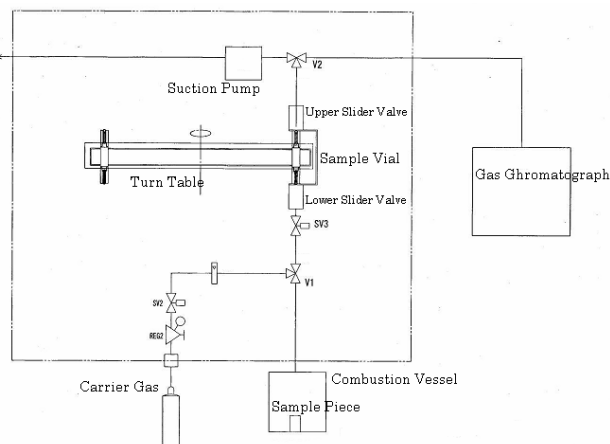
Effective for Kinetic Analysis of Decomposition or Combustion

Sample Gas Fraction Collector For Preparation of GC Sample

Model G-SPL-1 series can prepare the samples generating by the pyrolysis or the combustion of much kind of materials such as plastic, wood, and food, etc. automatically for analysis by Gas Chromatograph. This Model is effective for the kinetic analysis of reactions.



Flow Diagram



Specifications Model G-SPL-1

- Objective : Sample Gas Fraction Collector for Sample of Gas Chromatograph
- Sample :
CO₂, CO, N₂, O₂, CH₄, C₂H₆, C₂H₄, C₃H₈, C₃H₆, HCl, H₂O, etc.
- Sample Vial Volume : 0.5ml (Pyrex Glass)
- How many Sample Vials : 60 Max.
- Minimum Fraction Term : 2s
- Fraction Cycle per Sample Vial : 2~60s
- Fraction Mechanism : Turn Table driven by Pulse Motor and Cylinder Valve located upper and lower of sample Vial
- Sample Temp. Control : 160°C Max.
- Display & Control : PC
- Power : AC100V1500VA • Pneumatic : 0.6Mpa
- Size : 500mmW×500mmD×600mmH • Weight : 38kg

Operation

Sample Gas generating the pyrolysis or the combustion of the materials are collected in the individual sample vials one after another from the beginning to the last of reaction.

The Collected Sample Gas is introduced to Gas Chromatograph by the carrier gas, and analyzed.

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