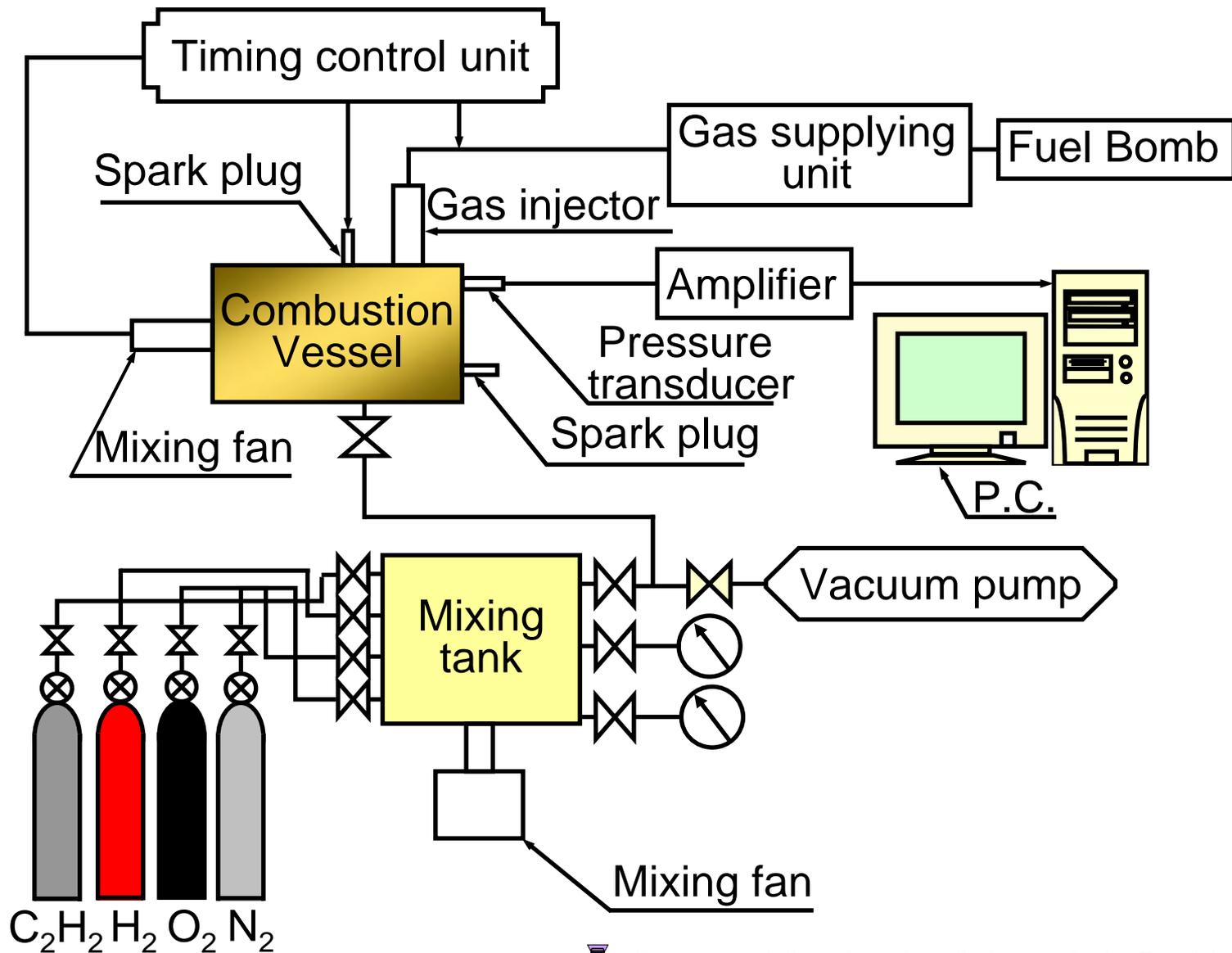


*Auto-Ignition and Burning Characteristics
of Unsteady Hydrogen Jet*

H. Gen. Fujimoto

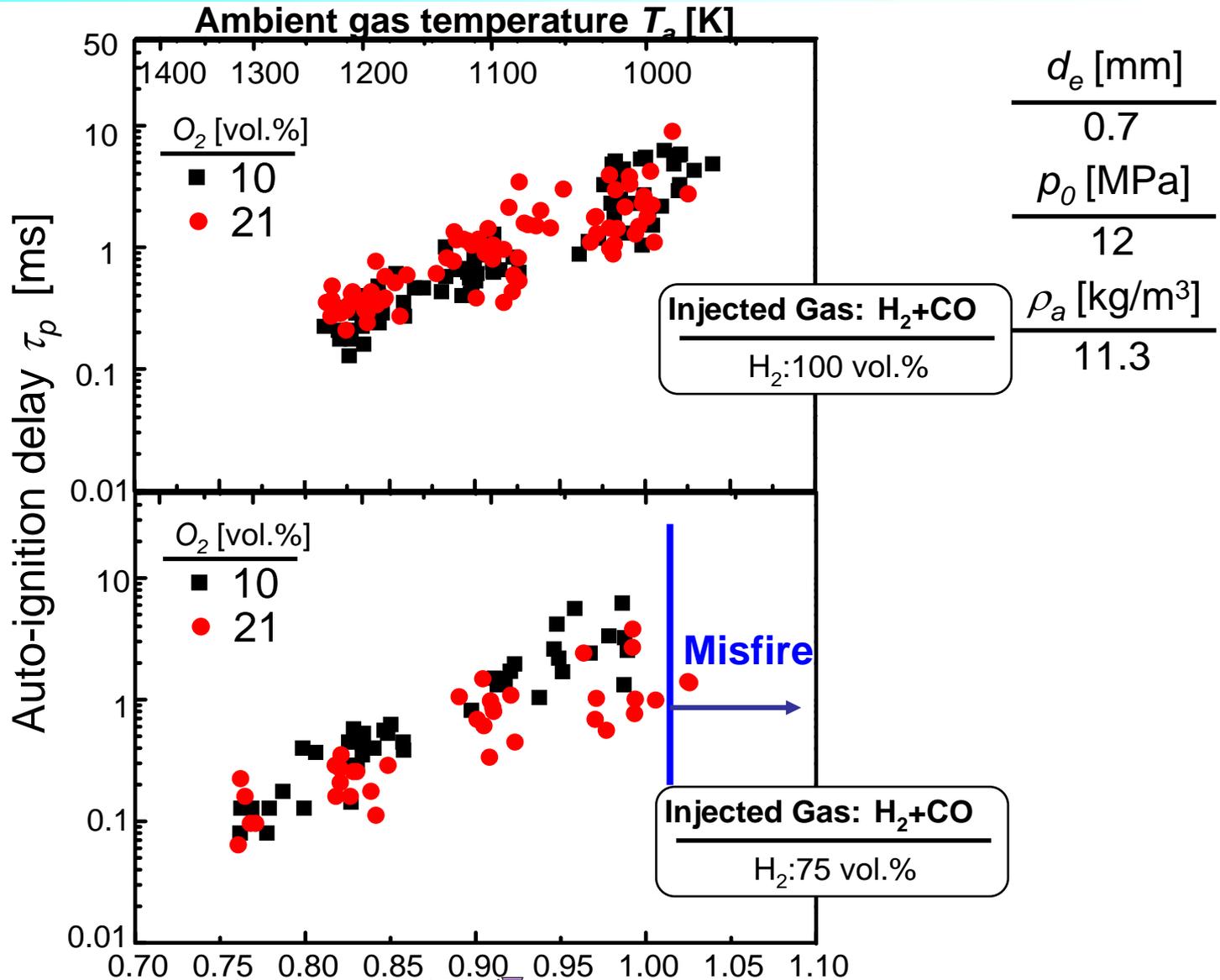


Schematic Diagram of Experimental Apparatus



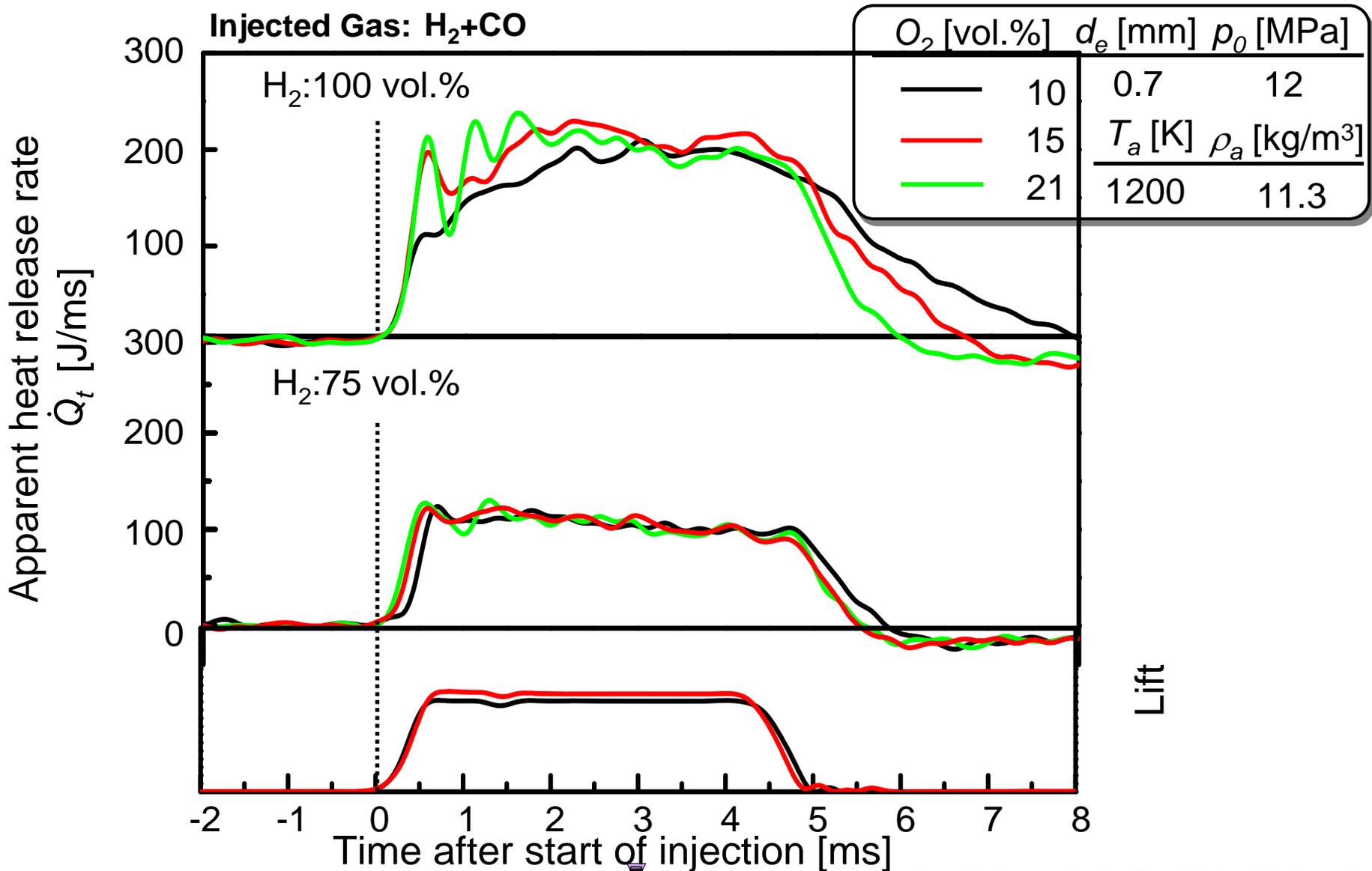


Auto-ignition delay of hydrogen gas jet under various conditions of ambient gas O_2 concentration

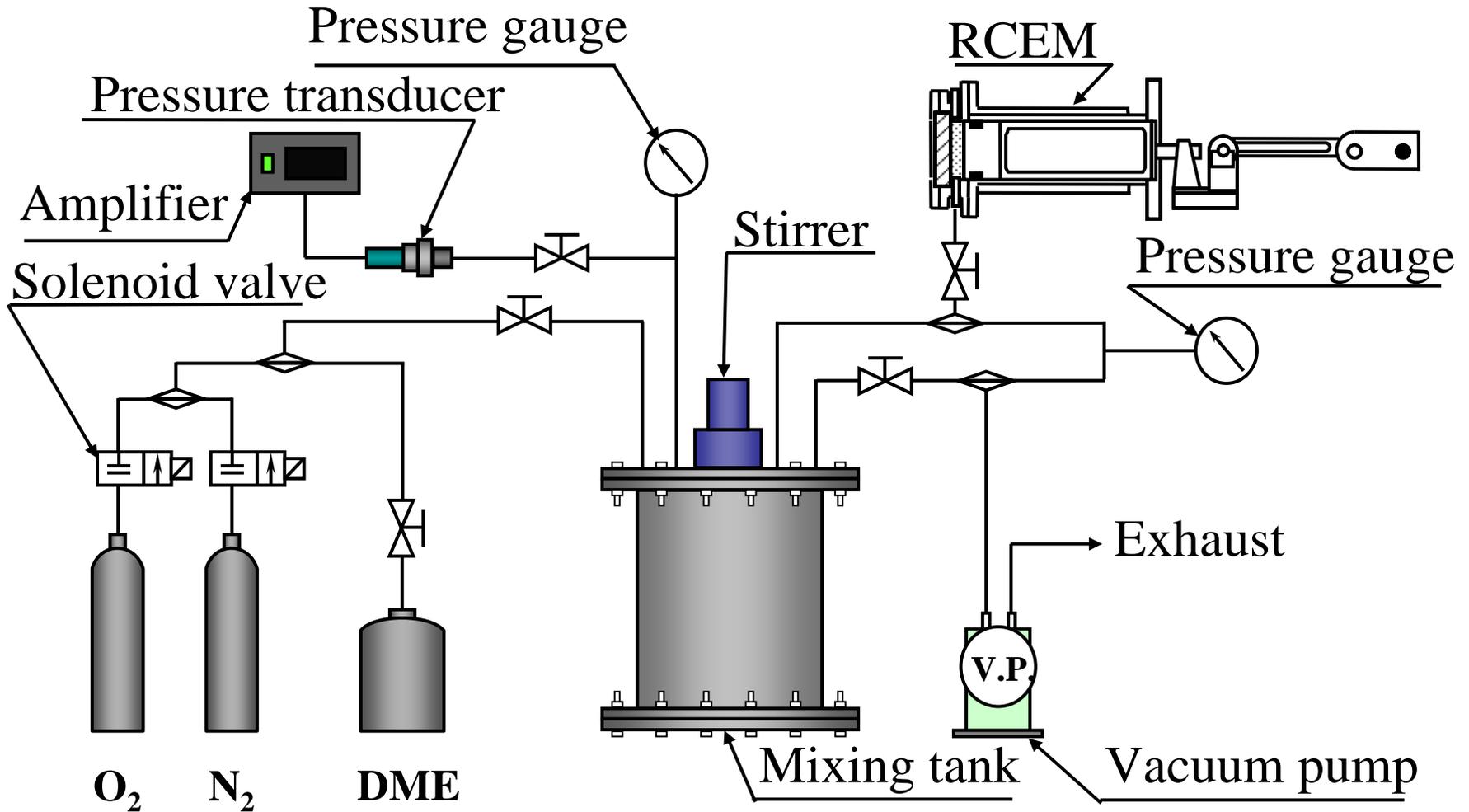




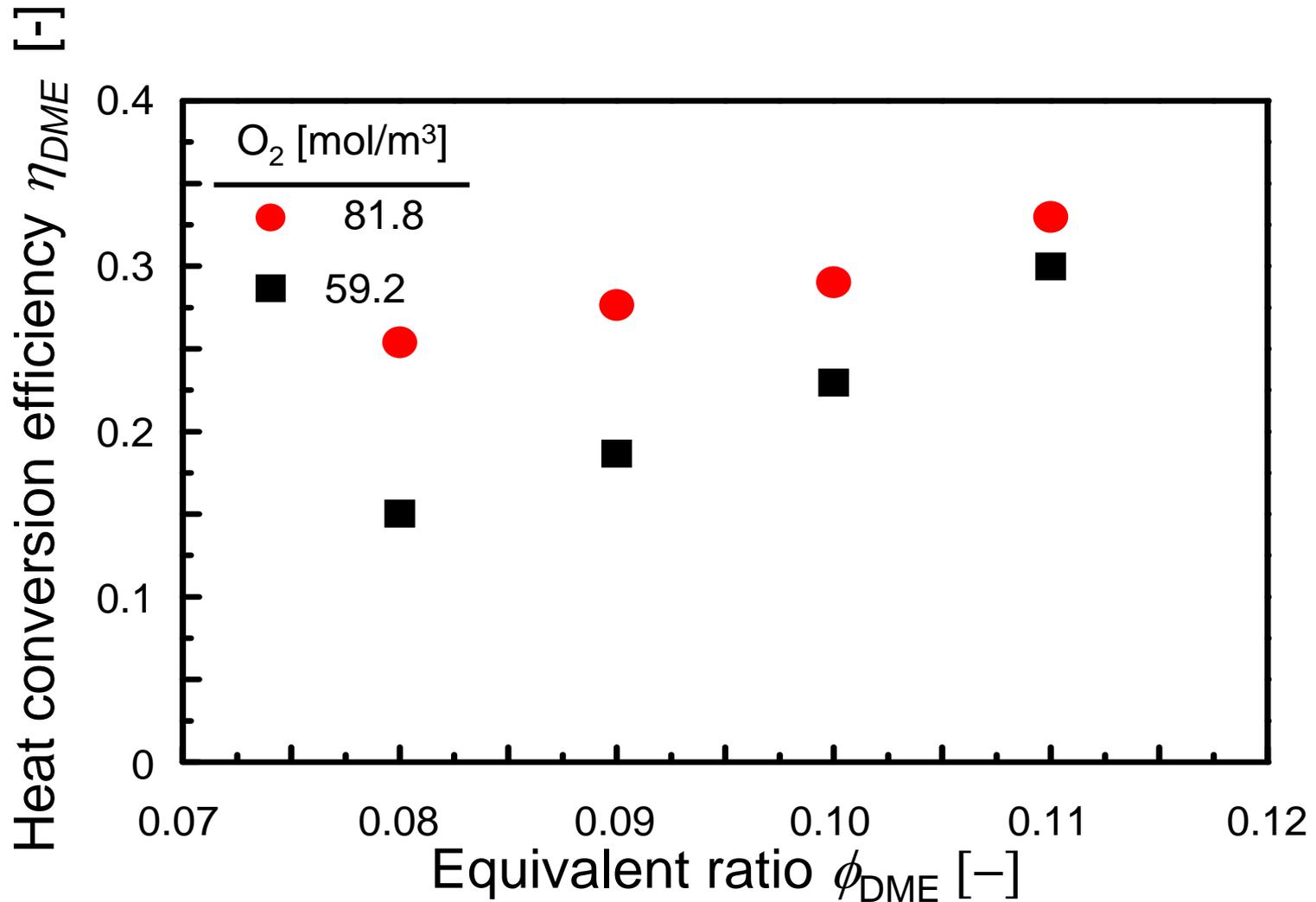
Profile of apparent heat release rate and lift for hydrogen jet for various conditions of ambient gas O₂ concentration



Schematic Diagram of auto-ignition experiments by RCEM



Effect of DME Equivalent ratio on Combustion Efficiency



Effect of ambient O₂ concentration on auto-ignition delay

