Droplet Support Unit and Ignition Unit

SiC fibers are inserted with bonding between the frame parts.

Single SiC Fiber
(78 µm)

Droplet Support Unit
(Fiber Frame)

Combustion Experiment Area
Fuel droplets is generated in this area.

14 µm SiC Fiber
(30X30 Lattice)

Ignition Unit (Fe – Cr Wire)

Single SiC Fiber

Droplet Support Unit and Ignition Unit
Digital Camera still image view angle
Digital Camera movie view angle
High Speed Camera view angle